

Salesforce

Exam Questions MuleSoft-Platform-Architect-I

Salesforce Certified MuleSoft Platform Architect 1 Exam (SP24)



NEW QUESTION 1

Which scenario is suited for MUnit tests instead of integration tests?

- A. For read-only interactions to any dependencies (such as other web APIs)
- B. When testing does not require knowledge of implementation details
- C. When no mocking is permissible
- D. For tests that are implemented using SoapUI

Answer: A

NEW QUESTION 2

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

Answer: D

NEW QUESTION 3

An IT Security Compliance Auditor is assessing which nonfunctional requirements (NFRs) are already being implemented to meet security measures.

- * The Web API has Rate-Limiting SLA
- * Basic Authentication - LDAP
- * JSON Threat Protection
- * TP Allowlist policies applied Which two NFRs-are enforced?

- A. The API invocations are coming from a known subnet range
- B. Username/password supported to validate login credentials
- C. Sensitive data is masked to prevent compromising critical information
- D. The API is protected against XML invocation attacks
- E. Performance expectations are to be allowed up to 1,000 requests per second

Answer: AB

NEW QUESTION 4

A manufacturing company has deployed an API implementation to CloudHub and has not configured it to be automatically restarted by CloudHub when the worker is not responding.

Which statement is true when no API Client invokes that API implementation?

- A. No alert on the API invocations and APT implementation can be raised
- B. Alerts on the APT invocation and API implementation can be raised
- C. No alert on the API invocations is raised but alerts on the API implementation can be raised
- D. Alerts on the API invocations are raised but no alerts on the API implementation can be raised

Answer: C

NEW QUESTION 5

Which out-of-the-box key performance indicator measures the success of a typical Center for Enablement and is immediately available in responses from Anypoint Platform APIs?

- A. Per business group, the ratio of the number of production APT implementations deployed using a C1/CD pipeline to the number of production API implementations deployed manually
- B. Per deployed API implementation, the amount of bandwidth consumed each day
- C. Per published API, the number of developers that downloaded a version of the API specification
- D. Per published API, the number of consumers that requested access to the API and have been approved in the Production environment

Answer: D

NEW QUESTION 6

What is true about where an API policy is defined in Anypoint Platform and how it is then applied to API instances?

- A. The API policy is defined in Runtime Manager as part of the API deployment to a Mule runtime, and then ONLY applied to the specific API Instance
- B. The API policy is defined in API Manager for a specific API Instance, and then ONLY applied to the specific API instance
- C. The API policy is defined in API Manager and then automatically applied to ALL API instances
- D. The API policy is defined in API Manager, and then applied to ALL API instances in the specified environment

Answer: B

NEW QUESTION 7

An auto manufacturer has a mature CI/CD practice and wants to automate packaging and deployment of any Mule applications to various deployment targets, including CloudHub workers/replicas, customer-hosted Mule runtimes, and Anypoint Runtime Fabric.

Which MuleSoft-provided tool or component facilitates automating the packaging and deployment of Mule applications to various deployment targets as part of the company's CI/CD practice?

- A. Anypoint Runtime Manager
- B. Mule Maven plugin
- C. Anypoint Platform CLI
- D. Anypoint Platform REST APIs

Answer: B

NEW QUESTION 8

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

Answer: C

NEW QUESTION 9

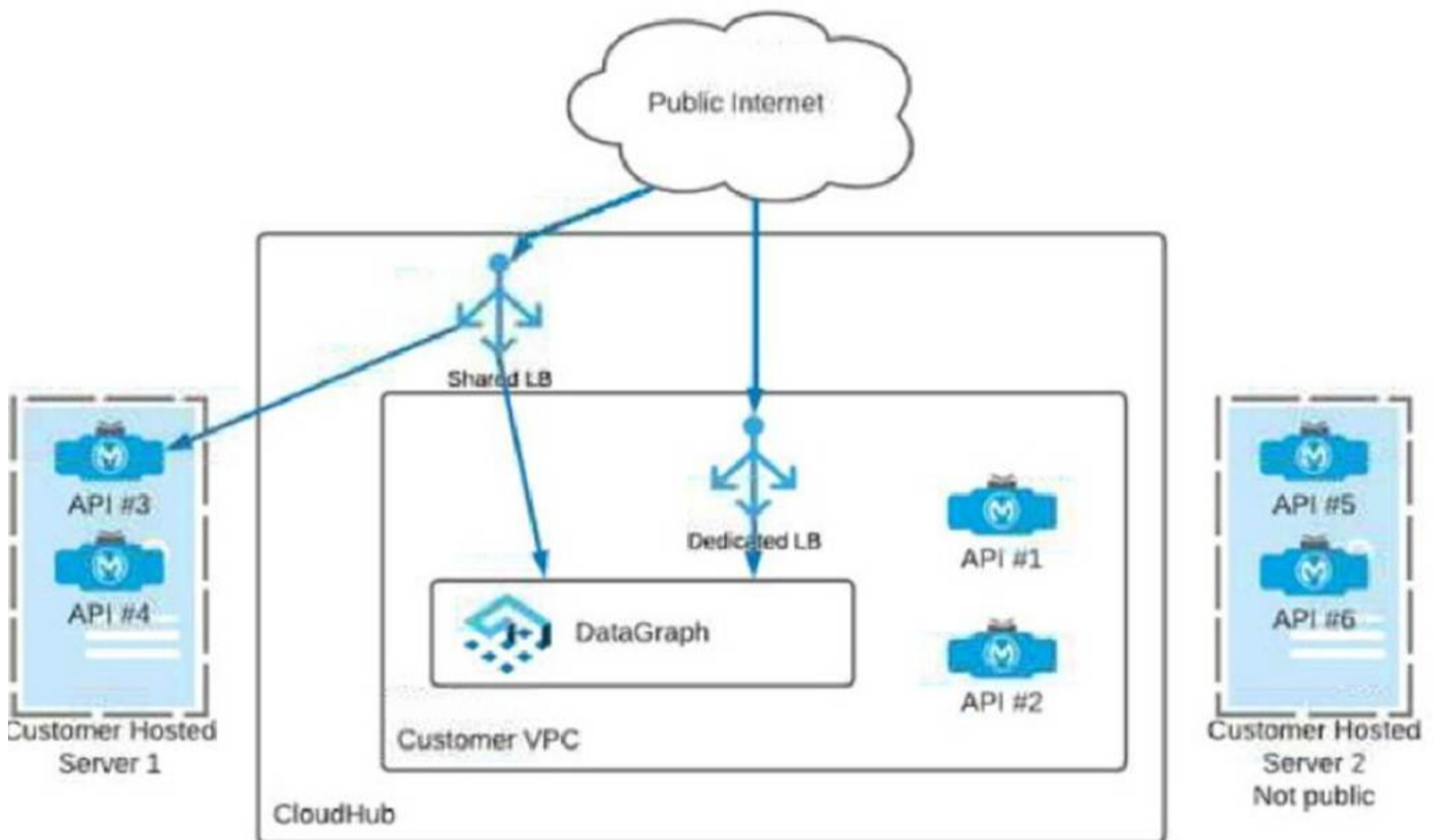
What best describes the Fully Qualified Domain Names (FQDNs), also known as DNS entries, created when a Mule application is deployed to the CloudHub Shared Worker Cloud?

- A. A fixed number of FQDNs are created, IRRESPECTIVE of the environment and VPC design
- B. The FQDNs are determined by the application name chosen, IRRESPECTIVE of the region
- C. The FQDNs are determined by the application name, but can be modified by an administrator after deployment
- D. The FQDNs are determined by both the application name and the Anypoint Platform organization

Answer: B

NEW QUESTION 10

Which APIs can be used with DataGraph to create a unified schema?



- A. APIs 1, 3, 5
- B. APIs 2, 4, 6
- C. APIs 1, 2, 5, 6
- D. APIs 1, 2, 3, 4

Answer: D

NEW QUESTION 10

The asset version 2.0.0 of the Order API is successfully published in Exchange and configured in API Manager with the Autodiscovery API ID correctly linked to the API implementation, A new GET method is added to the existing API specification, and after updates, the asset version of the Order API is 2.0.1, What happens to the Autodiscovery API ID when the new asset version is updated in API Manager?

- A. The API ID changes, but no changes are needed to the API implementation for the new asset version in the API Autodiscovery global element because the API ID is automatically updated
- B. The APL ID changes, so the API implementation must be updated with the latest API ID for the new asset version in the API Autodiscovery global element
- C. The APLID does not change, so no changes to the APT implementation are needed for the new asset version in the API Autodiscovery global element
- D. The APL ID does not change, but the API implementation must be updated in the APJ Autodiscovery global element to indicate the new asset version 2.0.4

Answer: C

NEW QUESTION 12

What CANNOT be effectively enforced using an API policy in Anypoint Platform?

- A. Guarding against Denial of Service attacks
- B. Maintaining tamper-proof credentials between APIs
- C. Logging HTTP requests and responses
- D. Backend system overloading

Answer: A

NEW QUESTION 13

Which of the following sequence is correct?

- A. API Client implements logic to call an API >> API Consumer requests access to API >> API Implementation routes the request to >> API
- B. API Consumer requests access to API >> API Client implements logic to call an API >> API routes the request to >> API Implementation
- C. API Consumer implements logic to call an API >> API Client requests access to API >> API Implementation routes the request to >> API
- D. API Client implements logic to call an API >> API Consumer requests access to API >> API routes the request to >> API Implementation

Answer: B

NEW QUESTION 14

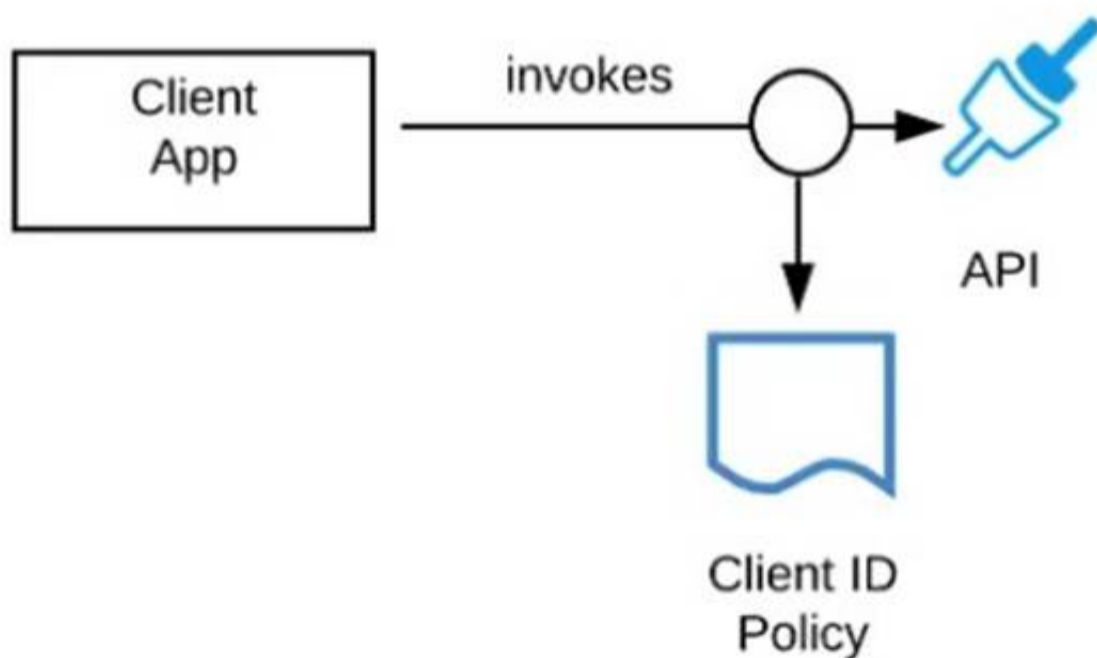
A Rate Limiting policy is applied to an API implementation to protect the back-end system. Recently, there have been surges in demand that cause some API client POST requests to the API implementation to be rejected with policy-related errors, causing delays and complications to the API clients. How should the API policies that are applied to the API implementation be changed to reduce the frequency of errors returned to API clients, while still protecting the back-end system?

- A. Keep the Rate Limiting policy and add 9 Client ID Enforcement policy
- B. Remove the Rate Limiting policy and add an HTTP Caching policy
- C. Remove the Rate Limiting policy and add a Spike Control policy
- D. Keep the Rate Limiting policy and add an SLA-based Spike Control policy

Answer: D

NEW QUESTION 16

Refer to the exhibit.



A developer is building a client application to invoke an API deployed to the STAGING environment that is governed by a client ID enforcement policy. What is required to successfully invoke the API?

- A. The client ID and secret for the Anypoint Platform account owning the API in the STAGING environment
- B. The client ID and secret for the Anypoint Platform account's STAGING environment
- C. The client ID and secret obtained from Anypoint Exchange for the API instance in the STAGING environment
- D. A valid OAuth token obtained from Anypoint Platform and its associated client ID and secret

Answer: C

NEW QUESTION 18

An API with multiple API implementations (Mule applications) is deployed to both CloudHub and customer-hosted Mule runtimes. All the deployments are managed by the MuleSoft-hosted control plane. An alert needs to be triggered whenever an API implementation stops responding to API requests, even if no API clients have called the API implementation for some time.

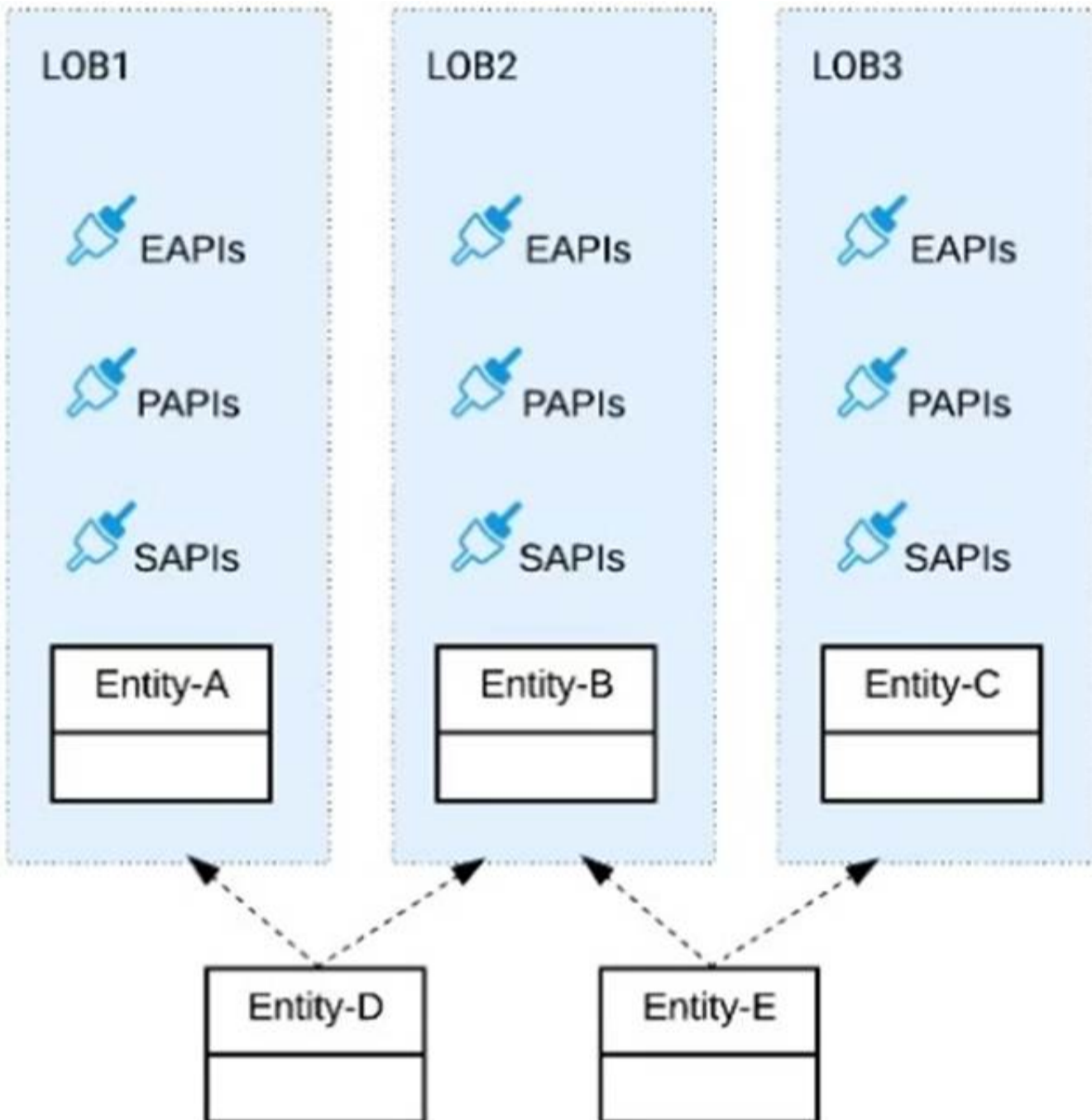
What is the most effective out-of-the-box solution to create these alerts to monitor the API implementations?

- A. Create monitors in Anypoint Functional Monitoring for the API implementations, where each monitor repeatedly invokes an API implementation endpoint
- B. Add code to each API client to send an Anypoint Platform REST API request to generate a custom alert in Anypoint Platform when an API invocation times out
- C. Handle API invocation exceptions within the calling API client and raise an alert from that API client when such an exception is thrown
- D. Configure one Worker Not Responding alert.in Anypoint Runtime Manager for all API implementations that will then monitor every API implementation

Answer: A

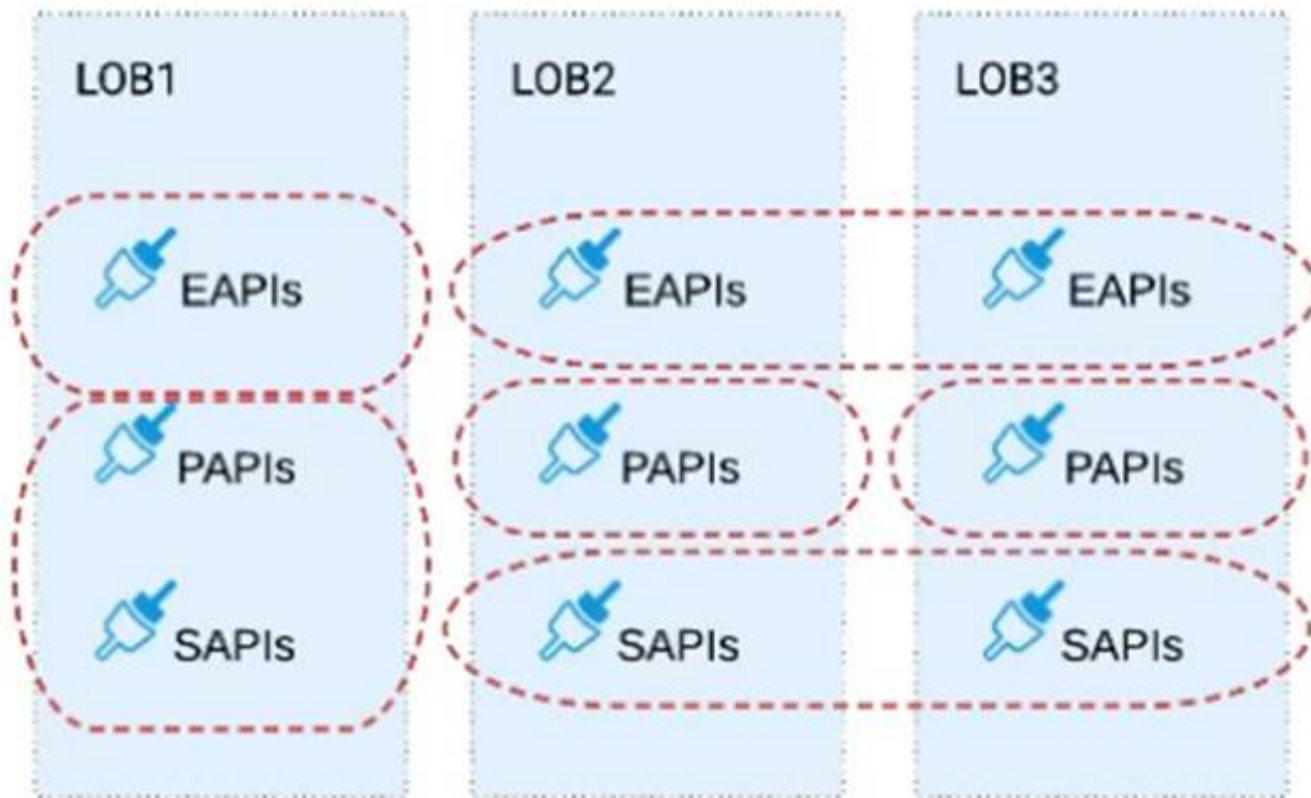
NEW QUESTION 20

Refer to the exhibit.

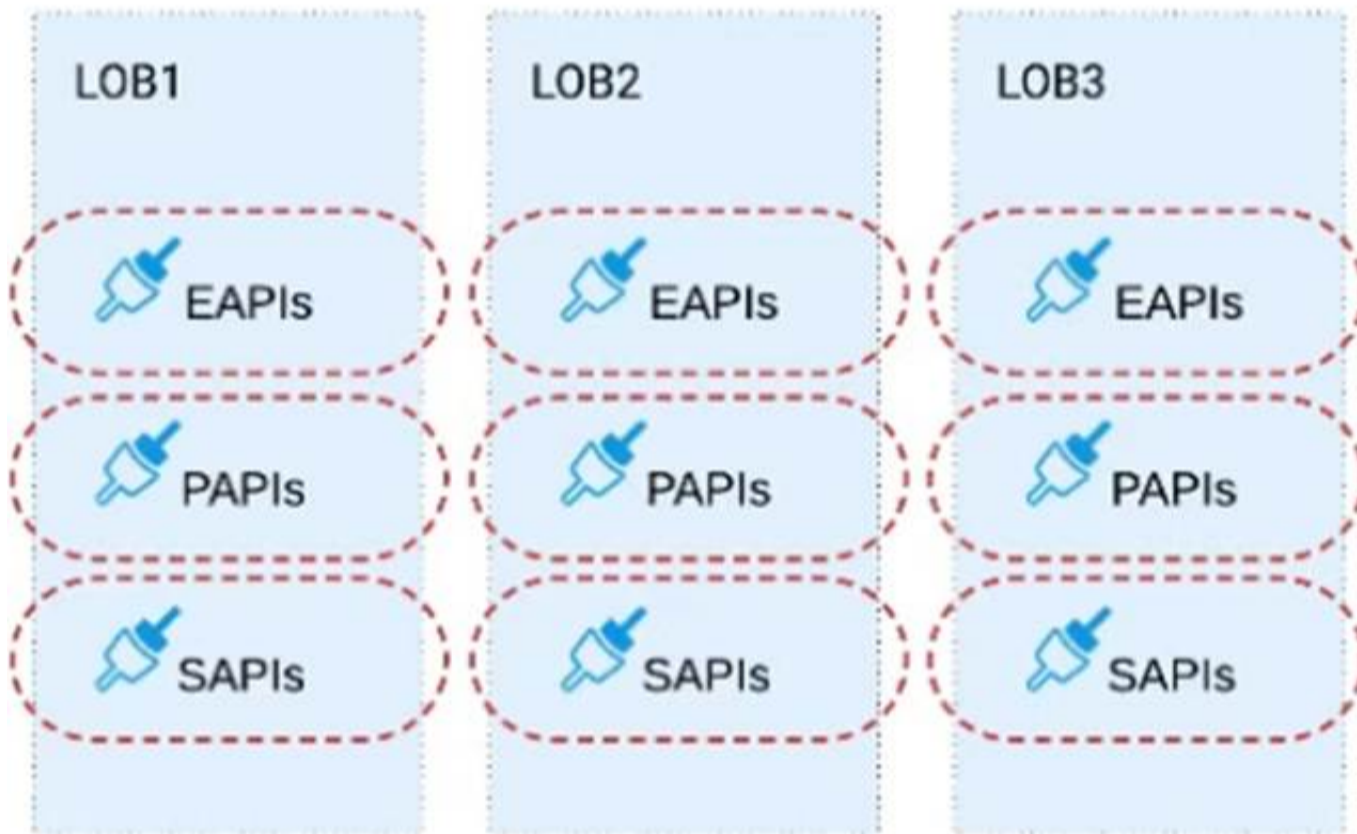


Three business processes need to be implemented, and the implementations need to communicate with several different SaaS applications. These processes are owned by separate (siloes) LOBs and are mainly independent of each other, but do share a few business entities. Each LOB has one development team 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?

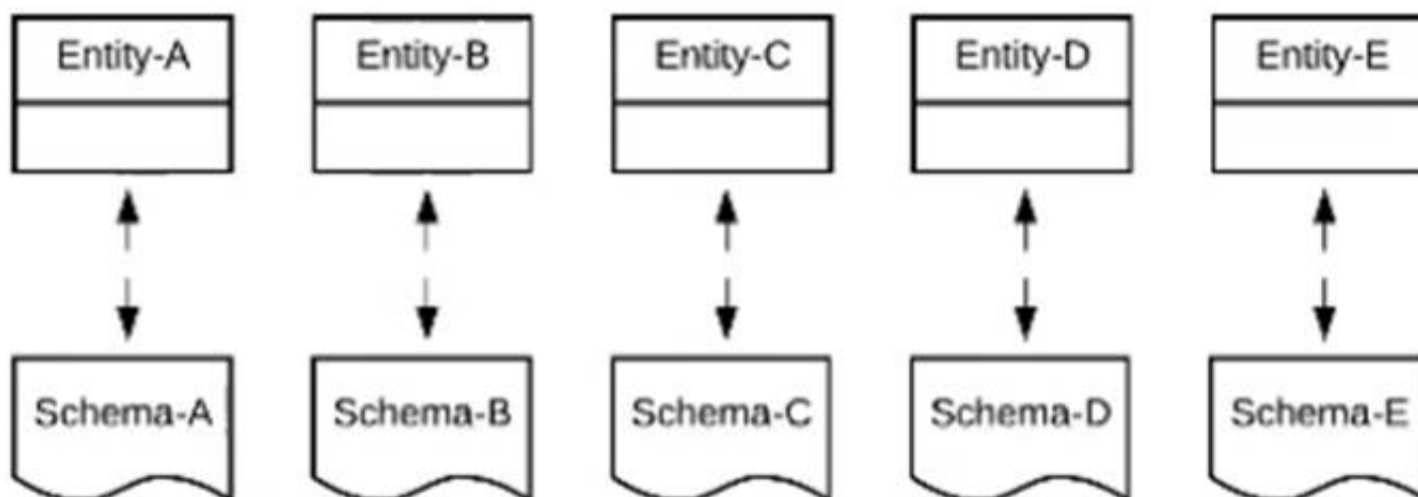
- A) Build several Bounded Context Data Models that align with coherent parts of the business processes and the definitions of associated business entities



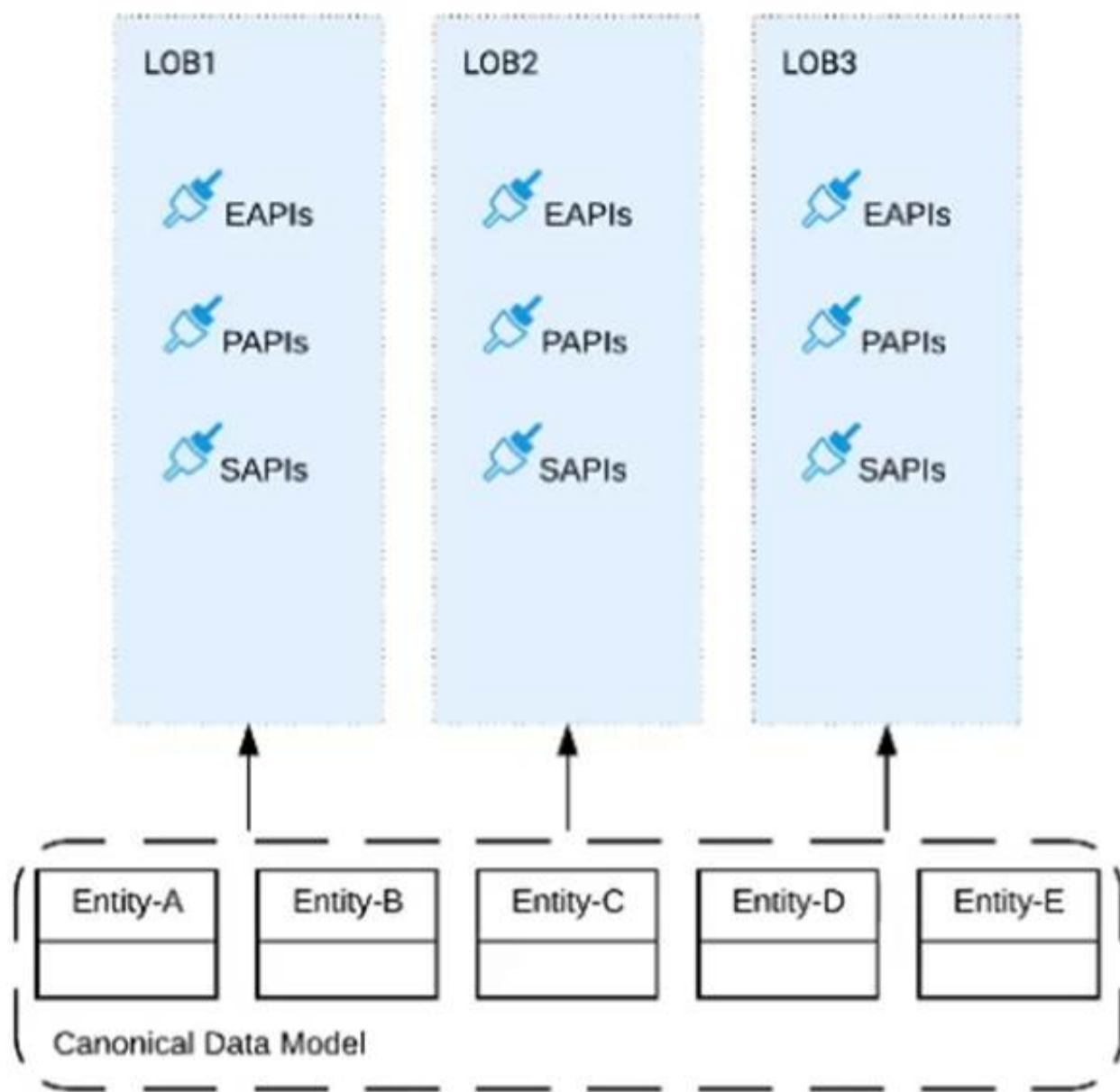
B) Build distinct data models for each API to follow established micro-services and Agile API-centric practices



C) Build all API data models using XML schema to drive consistency and reuse across the organization



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



- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 21

A Mule 4 API has been deployed to CloudHub and a Basic Authentication - Simple policy has been applied to all API methods and resources. However, the API is still accessible by clients without using authentication. How is this possible?

- A. The APE Router component is pointing to the incorrect Exchange version of the APT
- B. The Autodiscovery element is not present, in the deployed Mule application
- C. No?? for client applications have been created of this API
- D. One of the application??s CloudHub workers restarted

Answer: B

NEW QUESTION 23

An organization is implementing a Quote of the Day API that caches today's quote. What scenario can use the GoudHub Object Store via the Object Store connector to persist the cache's state?

- A. When there are three CloudHub deployments of the API implementation to three separate CloudHub regions that must share the cache state
- B. When there are two CloudHub deployments of the API implementation by two Anypoint Platform business groups to the same CloudHub region that must share the cache state
- C. When there is one deployment of the API implementation to CloudHub and anottV deployment to a customer-hosted Mule runtime that must share the cache state
- D. When there is one CloudHub deployment of the API implementation to three CloudHub workers that must share the cache state

Answer: D

NEW QUESTION 27

A company is building an application network using MuleSoft's recommendations for various API layers. What is the main (default) role of a process API in an application network?

- A. To secure and optimize the data synchronization processing of large data dumps between back-end systems
- B. To manage and process the secure direct communication between a back-end system and an end-user client of mobile device in the application network
- C. To automate parts of business processes by coordinating and orchestrating the invocation of other APIs in the application network
- D. To secure, Manage, and process communication with specific types of end-user client applications or devices in the application network

Answer: C

NEW QUESTION 30

A retail company with thousands of stores has an API to receive data about purchases and insert it into a single database. Each individual store sends a batch of purchase data to the API about every 30 minutes. The API implementation uses a database bulk insert command to submit all the purchase data to a database using a custom JDBC driver provided by a data analytics solution provider. The API implementation is deployed to a single CloudHub worker. The JDBC driver processes the data into a set of several temporary disk files on the CloudHub worker, and then the data is sent to an analytics engine using a proprietary protocol. This process usually takes less than a few minutes. Sometimes a request fails. In this case, the logs show a message from the JDBC driver indicating an out-of-file-space message. When the request is resubmitted, it is successful. What is the best way to try to resolve this throughput issue?

- A. se a CloudHub autoscaling policy to add CloudHub workers
- B. Use a CloudHub autoscaling policy to increase the size of the CloudHub worker
- C. Increase the size of the CloudHub worker(s)
- D. Increase the number of CloudHub workers

Answer: D

NEW QUESTION 31

What is the main change to the IT operating model that MuleSoft recommends to organizations to improve innovation and clock speed?

- A. Drive consumption as much as production of assets; this enables developers to discover and reuse assets from other projects and encourages standardization
- B. Expose assets using a Master Data Management (MDM) system; this standardizes projects and enables developers to quickly discover and reuse assets from other projects
- C. Implement SOA for reusable APIs to focus on production over consumption; this standardizes on XML and WSDL formats to speed up decision making
- D. Create a lean and agile organization that makes many small decisions everyday; this speeds up decision making and enables each line of business to take ownership of its projects

Answer: A

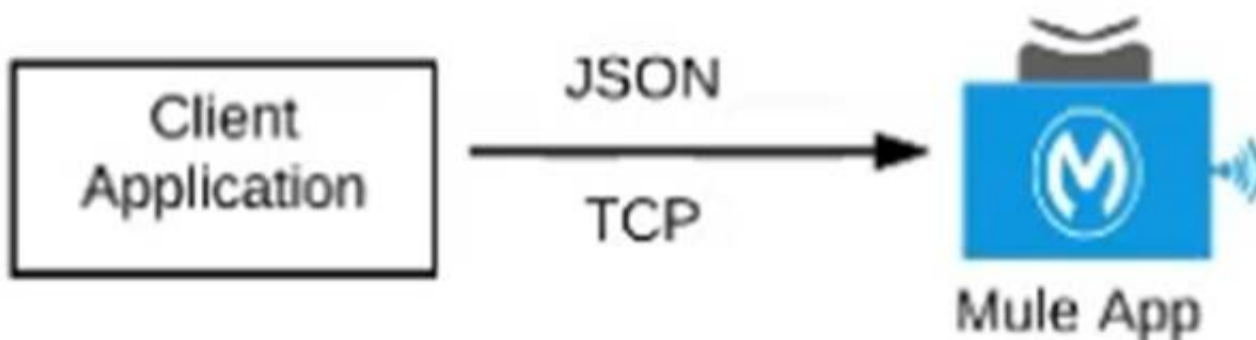
NEW QUESTION 35

What Mule application can have API policies applied by Anypoint Platform to the endpoint exposed by that Mule application?

- A) A Mule application that accepts requests over HTTP/1.x



- B) A Mule application that accepts JSON requests over TCP but is NOT required to provide a response



- C) A Mute application that accepts JSON requests over WebSocket



- D) A Mule application that accepts gRPC requests over HTTP/2



- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

Explanation:

Correct Answer: Option A

>> Anypoint API Manager and API policies are applicable to all types of HTTP/1.x APIs.

>> They are not applicable to WebSocket APIs, HTTP/2 APIs and gRPC APIs

Reference: <https://docs.mulesoft.com/api-manager/2.x/using-policies>

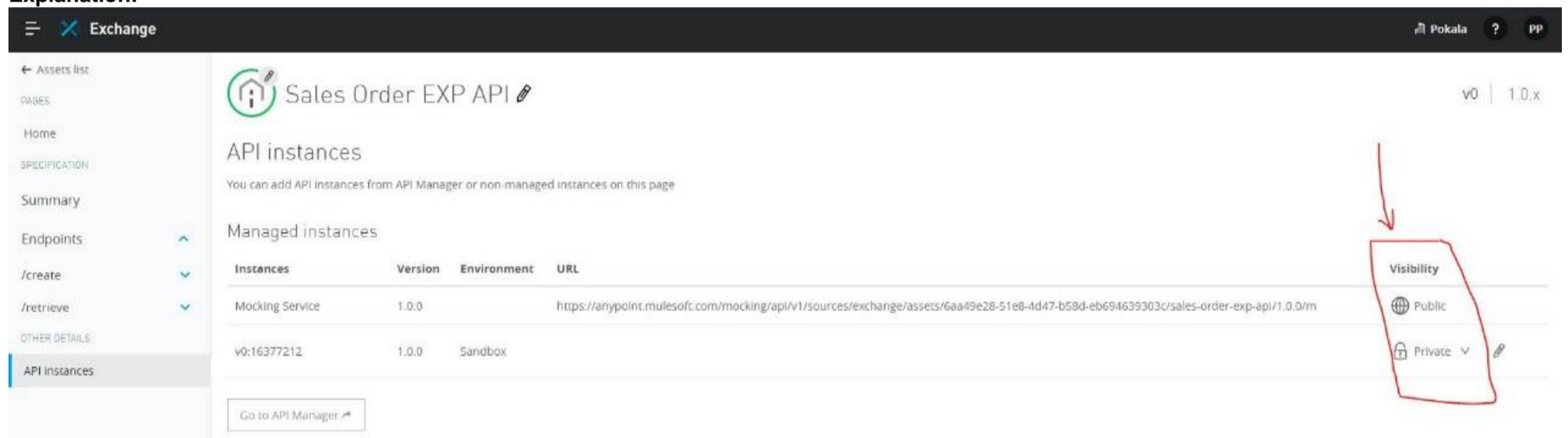
NEW QUESTION 38

What should be ensured before sharing an API through a public Anypoint Exchange portal?

- A. The visibility level of the API instances of that API that need to be publicly accessible should be set to public visibility
- B. The users needing access to the API should be added to the appropriate role in Anypoint Platform
- C. The API should be functional with at least an initial implementation deployed and accessible for users to interact with
- D. The API should be secured using one of the supported authentication/authorization mechanisms to ensure that data is not compromised

Answer: A

Explanation:



Correct Answer: The visibility level of the API instances of that API that need to be publicly accessible should be set to public visibility.

Reference: <https://docs.mulesoft.com/exchange/to-share-api-asset-to-portal>

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NEW QUESTION 42

When using CloudHub with the Shared Load Balancer, what is managed EXCLUSIVELY by the API implementation (the Mule application) and NOT by Anypoint Platform?

- A. The assignment of each HTTP request to a particular CloudHub worker
- B. The logging configuration that enables log entries to be visible in Runtime Manager
- C. The SSL certificates used by the API implementation to expose HTTPS endpoints
- D. The number of DNS entries allocated to the API implementation

Answer: C

NEW QUESTION 43

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

Answer: A

NEW QUESTION 48

An API has been updated in Anypoint Exchange by its API producer from version 3.1.1 to 3.2.0 following accepted semantic versioning practices and the changes have been communicated via the API's public portal.
The API endpoint does NOT change in the new version.
How should the developer of an API client respond to this change?

- A. The update should be identified as a project risk and full regression testing of the functionality that uses this API should be run
- B. The API producer should be contacted to understand the change to existing functionality
- C. The API producer should be requested to run the old version in parallel with the new one
- D. The API client code ONLY needs to be changed if it needs to take advantage of new features

Answer: D

NEW QUESTION 49

What best explains the use of auto-discovery in API implementations?

- A. It makes API Manager aware of API implementations and hence enables it to enforce policies
- B. It enables Anypoint Studio to discover API definitions configured in Anypoint Platform
- C. It enables Anypoint Exchange to discover assets and makes them available for reuse
- D. It enables Anypoint Analytics to gain insight into the usage of APIs

Answer: A

NEW QUESTION 54

An organization has created an API-led architecture that uses various API layers to integrate mobile clients with a backend system. The backend system consists of a number of specialized components and can be accessed via a REST API. The process and experience APIs share the same bounded-context model that is different from the backend data model. What additional canonical models, bounded-context models, or anti-corruption layers are best added to this architecture to help process data consumed from the backend system?

- A. Create a bounded-context model for every layer and overlap them when the boundary contexts overlap, letting API developers know about the differences between upstream and downstream data models
- B. Create a canonical model that combines the backend and API-led models to simplify and unify data models, and minimize data transformations.
- C. Create a bounded-context model for the system layer to closely match the backend data model, and add an anti-corruption layer to let the different bounded contexts cooperate across the system and process layers
- D. Create an anti-corruption layer for every API to perform transformation for every data model to match each other, and let data simply travel between APIs to avoid the complexity and overhead of building canonical models

Answer: C

NEW QUESTION 59

An organization has several APIs that accept JSON data over HTTP POST. The APIs are all publicly available and are associated with several mobile applications and web applications.
The organization does NOT want to use any authentication or compliance policies for these APIs, but at the same time, is worried that some bad actor could send payloads that could somehow compromise the applications or servers running the API implementations.
What out-of-the-box Anypoint Platform policy can address exposure to this threat?

- A. Shut out bad actors by using HTTPS mutual authentication for all API invocations
- B. Apply an IP blacklist policy to all APIs; the blacklist will include all bad actors
- C. Apply a Header injection and removal policy that detects the malicious data before it is used
- D. Apply a JSON threat protection policy to all APIs to detect potential threat vectors

Answer: D

NEW QUESTION 62

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

Answer: C

NEW QUESTION 63

A Mule application exposes an HTTPS endpoint and is deployed to three CloudHub workers that do not use static IP addresses. The Mule application expects a high volume of client requests in short time periods. What is the most cost-effective infrastructure component that should be used to serve the high volume of client requests?

- A. A customer-hosted load balancer
- B. The CloudHub shared load balancer

- C. An API proxy
- D. Runtime Manager autoscaling

Answer: B

NEW QUESTION 66

A company wants to move its Mule API implementations into production as quickly as possible. To protect access to all Mule application data and metadata, the company requires that all Mule applications be deployed to the company's customer-hosted infrastructure within the corporate firewall. What combination of runtime plane and control plane options meets these project lifecycle goals?

- A. Manually provisioned customer-hosted runtime plane and customer-hosted control plane
- B. MuleSoft-hosted runtime plane and customer-hosted control plane
- C. Manually provisioned customer-hosted runtime plane and MuleSoft-hosted control plane
- D. iPaaS provisioned customer-hosted runtime plane and MuleSoft-hosted control plane

Answer: A

NEW QUESTION 67

When designing an upstream API and its implementation, the development team has been advised to NOT set timeouts when invoking a downstream API, because that downstream API has no SLA that can be relied upon. This is the only downstream API dependency of that upstream API. Assume the downstream API runs uninterrupted without crashing. What is the impact of this advice?

- A. An SLA for the upstream API CANNOT be provided
- B. The invocation of the downstream API will run to completion without timing out
- C. A default timeout of 500 ms will automatically be applied by the Mule runtime in which the upstream API implementation executes
- D. A toad-dependent timeout of less than 1000 ms will be applied by the Mule runtime in which the downstream API implementation executes

Answer: A

NEW QUESTION 71

Due to a limitation in the backend system, a system API can only handle up to 500 requests per second. What is the best type of API policy to apply to the system API to avoid overloading the backend system?

- A. Rate limiting
- B. HTTP caching
- C. Rate limiting - SLA based
- D. Spike control

Answer: D

NEW QUESTION 72

A TemperatureSensors API instance is defined in API Manager in the PROD environment of the CAR_FACTORY business group. An AcmeTemperatureSensors Mule application implements this API instance and is deployed from Runtime Manager to the PROD environment of the CAR_FACTORY business group. A policy that requires a valid client ID and client secret is applied in API Manager to the API instance. Where can an API consumer obtain a valid client ID and client secret to call the AcmeTemperatureSensors Mule application?

- A. In secrets manager, request access to the Shared Secret static username/password
- B. In API Manager, from the PROD environment of the CAR_FACTORY business group
- C. In access management, from the PROD environment of the CAR_FACTORY business group
- D. In Anypoint Exchange, from an API client application that has been approved for the TemperatureSensors API instance

Answer: D

NEW QUESTION 77

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

Answer: D

NEW QUESTION 81

Which statement is true about identity management and client management on Anypoint Platform?

- A. If an external identity provider is configured, the SAML 2.0 bearer tokens issued by the identity provider cannot be used for invocations of the Anypoint Platform web APIs
- B. If an external client provider is configured, it must be configured at the Anypoint Platform organization level and cannot be assigned to individual business groups and environments
- C. Anypoint Platform supports configuring one external identity provider
- D. Both client management and identity management require an identity provider

Answer: C

NEW QUESTION 85

An operations team is analyzing the effort needed to set up monitoring of their application network. They are looking at which API invocation metrics can be used to identify and predict trouble without having to write custom scripts or install additional analytics software or tools. Which type of metrics can satisfy this goal of directly identifying and predicting failures?

- A. The number and types of API policy violations per day
- B. The effectiveness of the application network based on the level of reuse
- C. The number and types of past API invocations across the application network
- D. The ROI from each APT invocation

Answer: A

NEW QUESTION 88

4A developer for a transportation organization is implementing exactly one processing functionality in a Reservation Mule application to process and store passenger records. This Reservation application will be deployed to multiple CloudHub workers/replicas. It is possible that several external systems could send duplicate passenger records to the Reservation application.

An appropriate storage mechanism must be selected to help the Reservation application process each passenger record exactly once as much as possible. The selected storage mechanism must be shared by all the CloudHub workers/replicas in order to synchronize the state information to assist attempting exactly once processing of each passenger record by the deployed Reservation Mule application.

Which type of simple storage mechanism in Anypoint Platform allows the Reservation Mule application to update and share data between the CloudHub workers/replicas exactly once, with minimal development effort?

- A. Persistent Object Store
- B. Runtime Fabric Object Store
- C. Non-persistent Object Store
- D. In-memory Mule Object Store

Answer: A

NEW QUESTION 91

What is typically NOT a function of the APIs created within the framework called API-led connectivity?

- A. They provide an additional layer of resilience on top of the underlying backend system, thereby insulating clients from extended failure of these systems.
- B. They allow for innovation at the user Interface level by consuming the underlying assets without being aware of how data is being extracted from backend systems.
- C. They reduce the dependency on the underlying backend systems by helping unlock data from backend systems in a reusable and consumable way.
- D. They can compose data from various sources and combine them with orchestration logic to create higher level value.

Answer: A

NEW QUESTION 95

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 API invocations to an API implementation?

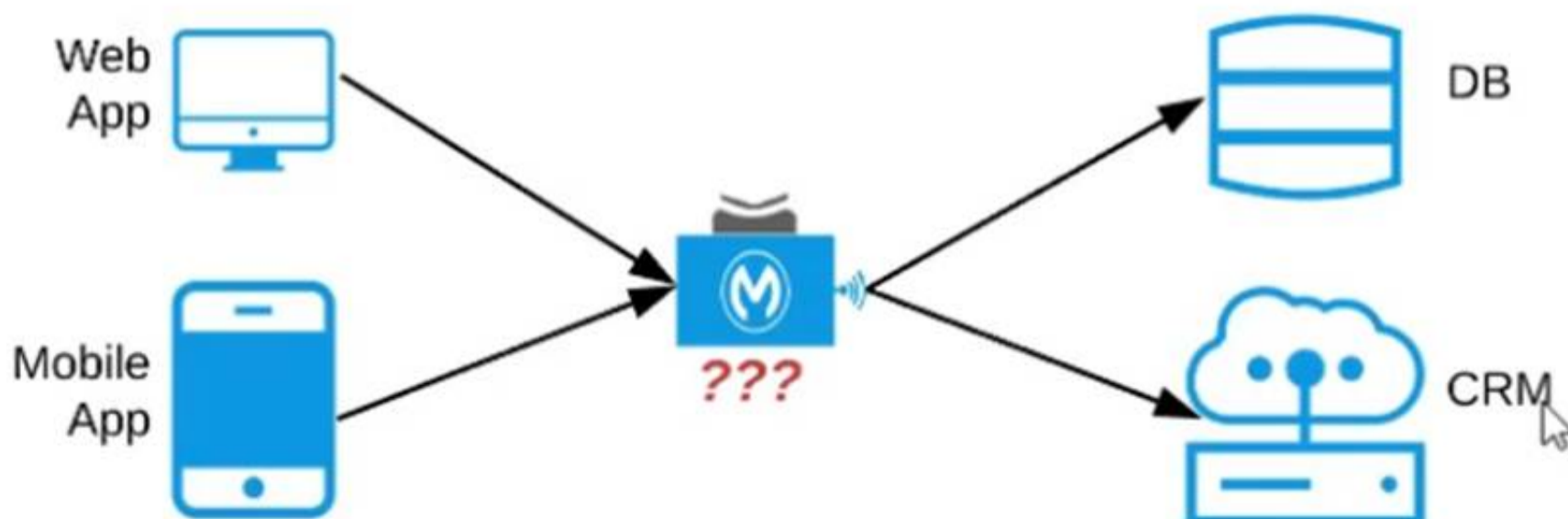
- A. When the API invocations are sent directly to the internal DNS record of the API implementation
- B. When the API invocations are not over-a- secure TLS/SSL communication channel
- C. When the API invocations originate from a geography different than the API
- D. When the number of API invocations are below a threshold

Answer: D

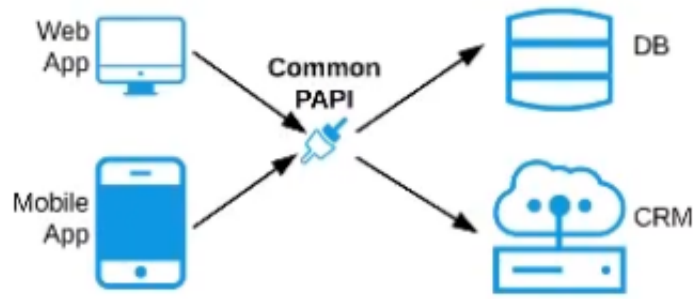
NEW QUESTION 96

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.

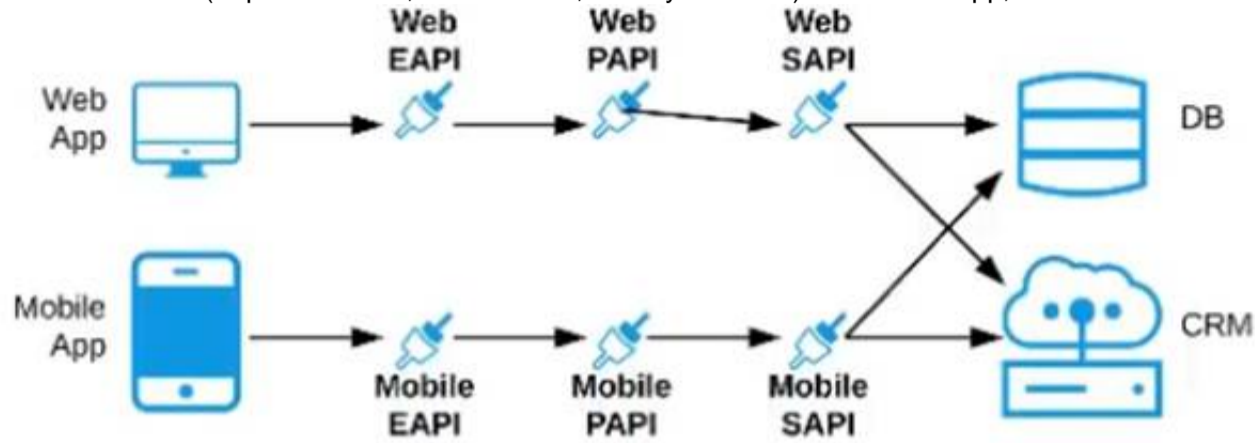
The data is available partially in a database and partially in a 3rd-party CRM system. What APIs should be created to best fit these design requirements?



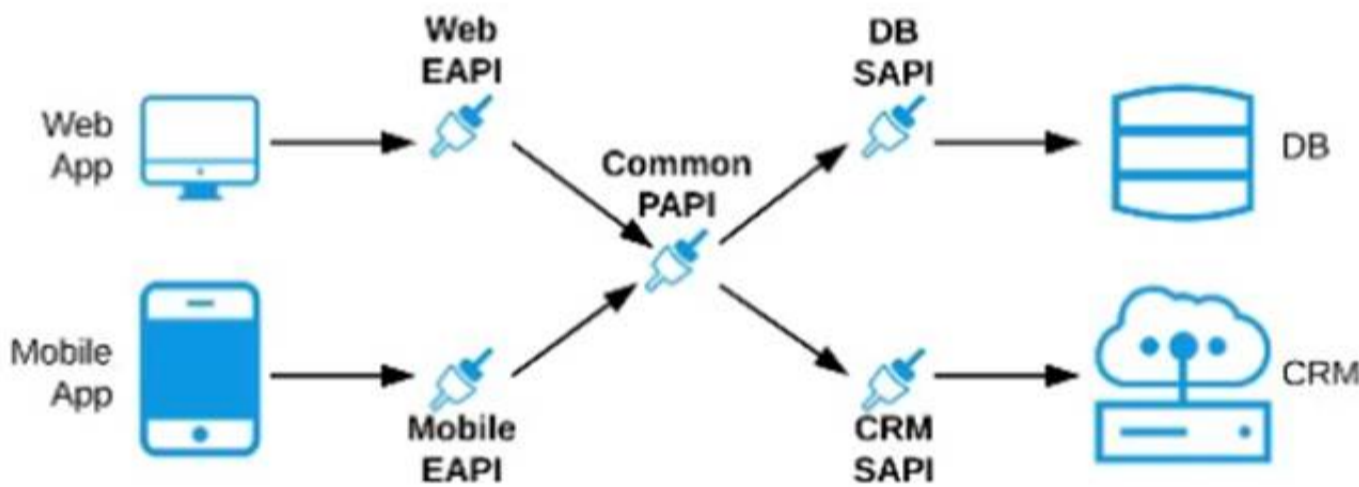
A) A Process API that contains the data required by both the web and mobile apps, allowing these applications to invoke it directly and access the data they need thereby providing the flexibility to add more fields in the future without needing API changes



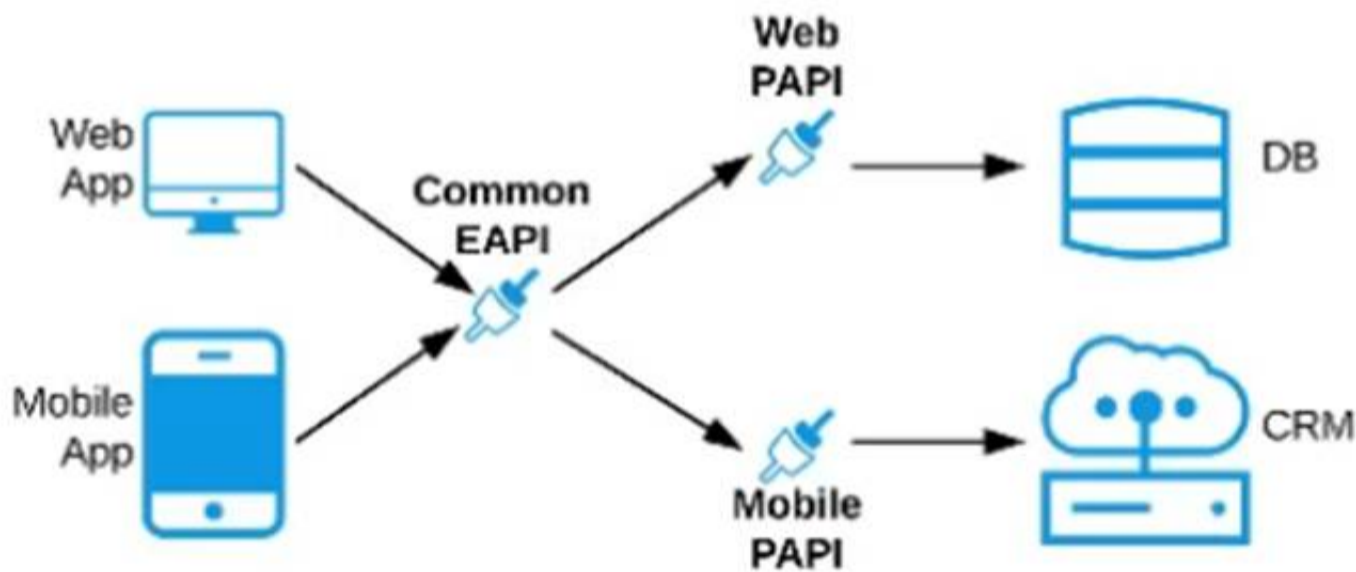
B) One set of APIs (Experience API, Process API, and System API) for the web app, and another set for the mobile app



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

Answer: C

NEW QUESTION 97

What Anypoint Platform Capabilities listed below fall under APIs and API Invocations/Consumers category? Select TWO.

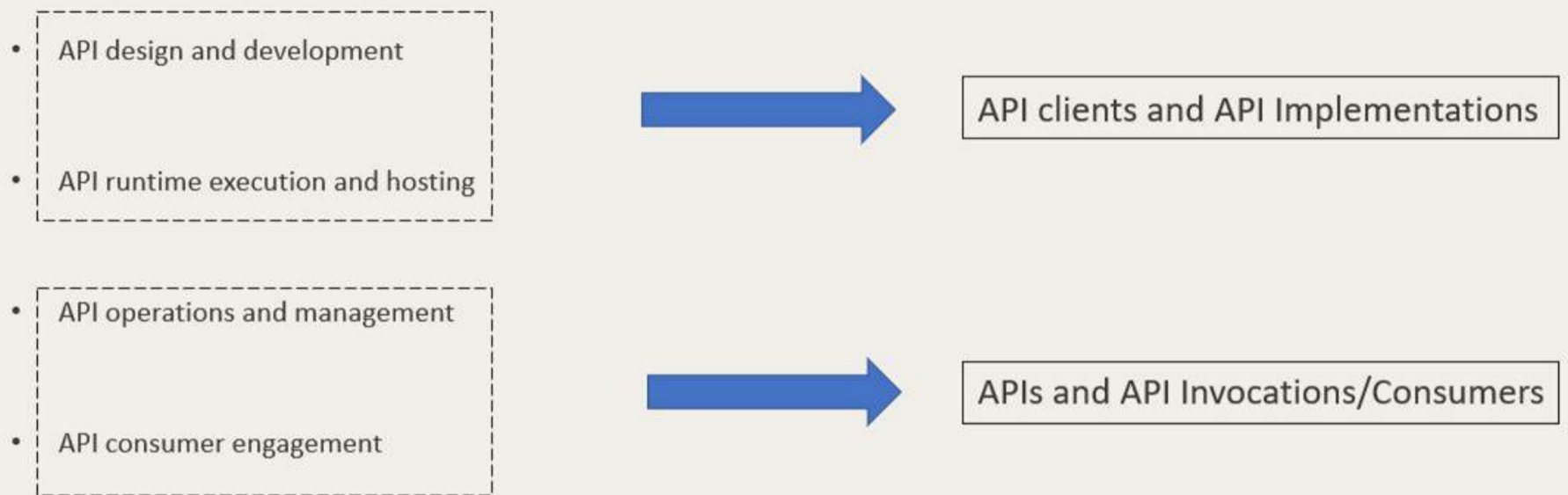
- A. API Operations and Management
- B. API Runtime Execution and Hosting
- C. API Consumer Engagement
- D. API Design and Development

Answer: D

Explanation:

Correct Answers: API Design and Development and API Runtime Execution and Hosting
 >> API Design and Development - Anypoint Studio, Anypoint Design Center, Anypoint Connectors
 >> API Runtime Execution and Hosting - Mule Runtimes, CloudHub, Runtime Services
 >> API Operations and Management - Anypoint API Manager, Anypoint Exchange
 >> API Consumer Management - API Contracts, Public Portals, Anypoint Exchange, API Notebooks

Platform Capabilities



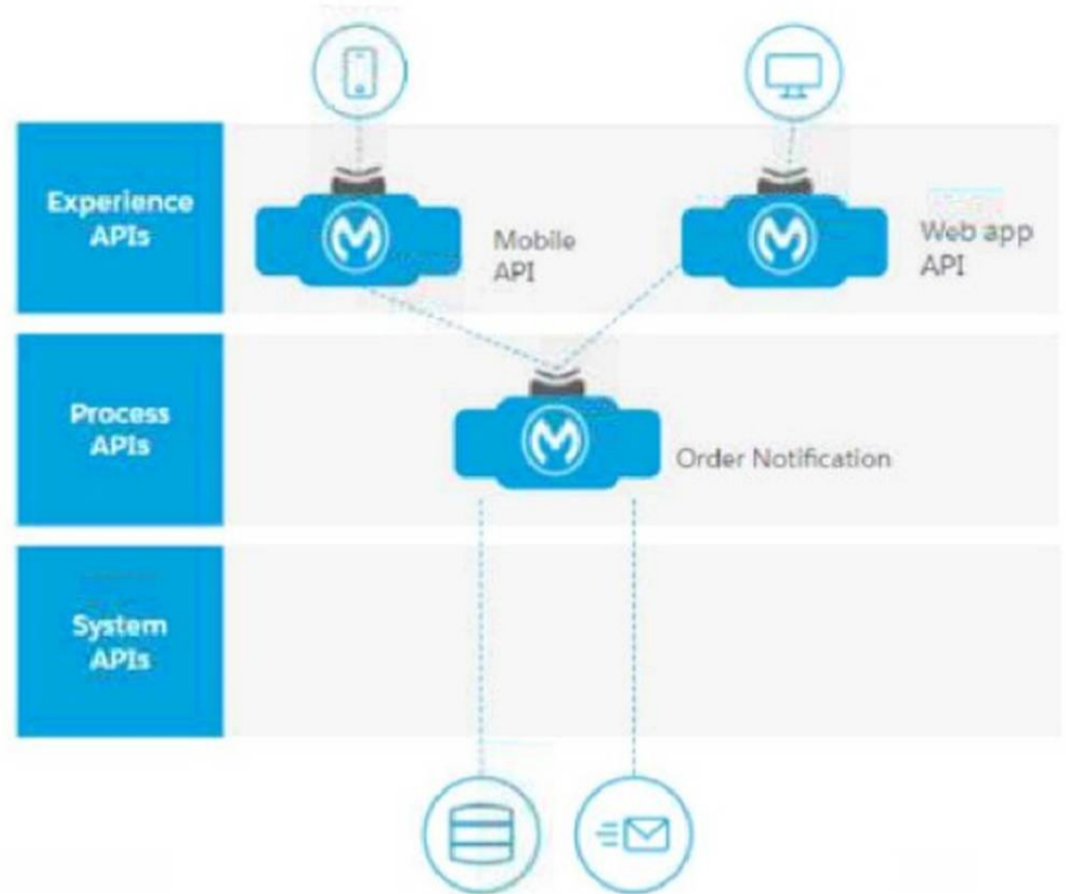
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NEW QUESTION 102

The Line of Business (LoB) of an eCommerce company is requesting a process that sends automated notifications via email every time a new order is processed through the customer's mobile application or through the internal company's web application. In the future, multiple notification channels may be added: for example, text messages and push notifications.

What is the most effective API-led connectivity approach for the scenario described above?

- A. Create one Experience API for the web application and one for the mobile applicatio
- B. Create a Process API to orchestrate and retrieve the email template from = databas
- C. Create a System API that sends the email using the Anypoint Connector for Emai
- D. Create one Experience API for the web application and one for the mobile applicatio
- E. Create a Process API to orchestrate and retrieve the email template from = databas
- F. Create a System API that sends the email using the Anypoint Connector for Email.
- G. Create one Experience API for the web application and one for the mobile application, Create a Process API to orchestrate, retrieve the email template from a database, and send the email using the Anypoint Connector for Email.



H. Create Experience APIs for both the web application and mobile application. Create a Process API to orchestrate, retrieve the email template from a database, and send the email using the Anypoint Connector for Email.

I. Create Experience APIs for both the web application and mobile application. (Create 3 Process API to orchestrate and retrieve the email template from 2 databases)

J. Create a System API that sends the email using the Anypoint Connector for Email.

Answer: A

NEW QUESTION 103

A company has created a successful enterprise data model (EDM). The company is committed to building an application network by adopting modern APIs as a core enabler of the company's IT operating model. At what API tiers (experience, process, system) should the company require reusing the EDM when designing modern API data models?

- A. At the experience and process tiers
- B. At the experience and system tiers
- C. At the process and system tiers
- D. At the experience, process, and system tiers

Answer: C

NEW QUESTION 104

What API policy would be LEAST LIKELY used when designing an Experience API that is intended to work with a consumer mobile phone or tablet application?

- A. OAuth 2.0 access token enforcement
- B. Client ID enforcement
- C. JSON threat protection
- D. IPwhitelist

Answer: D

NEW QUESTION 107

An API client calls one method from an existing API implementation. The API implementation is later updated. What change to the API implementation would require the API client's invocation logic to also be updated?

- A. When the data type of the response is changed for the method called by the API client
- B. When a new method is added to the resource used by the API client
- C. When a new required field is added to the method called by the API client
- D. When a child method is added to the method called by the API client

Answer: C

NEW QUESTION 112

An Anypoint Platform organization has been configured with an external identity provider (IdP) for identity management and client management. What credentials or token must be provided to Anypoint CLI to execute commands against the Anypoint Platform APIs?

- A. The credentials provided by the IdP for identity management
- B. The credentials provided by the IdP for client management
- C. An OAuth 2.0 token generated using the credentials provided by the IdP for client management
- D. An OAuth 2.0 token generated using the credentials provided by the IdP for identity management

Answer: A

NEW QUESTION 115

An organization is deploying their new implementation of the OrderStatus System API to multiple workers in CloudHub. This API fronts the organization's on-premises Order Management System, which is accessed by the API implementation over an IPsec tunnel. What type of error typically does NOT result in a service outage of the OrderStatus System API?

- A. A CloudHub worker fails with an out-of-memory exception
- B. API Manager has an extended outage during the initial deployment of the API implementation
- C. The AWS region goes offline with a major network failure to the relevant AWS data centers
- D. The Order Management System is Inaccessible due to a network outage in the organization's on-premises data center

Answer: A

NEW QUESTION 118

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

Answer: C

NEW QUESTION 121

A large organization with an experienced central IT department is getting started using MuleSoft. There is a project to connect a siloed back-end system to a new Customer Relationship Management (CRM) system. The Center for Enablement is coaching them to use API-led connectivity. What action would support the creation of an application network using API-led connectivity?

- A. Invite the business analyst to create a business process model to specify the canonical data model between the two systems
- B. Determine if the new CRM system supports the creation of custom: REST APIs, establishes 4 private network with CloudHub, and supports OAuth 2.0 authentication
- C. To expedite this project, central IT should extend the CRM system and back-end systems to connect to one another using built in integration interfaces
- D. Create a System API to unlock the data on the back-end system using a REST API

Answer: D

NEW QUESTION 123

An eCommerce company is adding a new Product Details feature to their website. A customer will launch the product catalog page, a new Product Details link will appear by product where they can click to retrieve the product detail description. Product detail data is updated with product update releases, once or twice a year. Presently the database response time has been very slow due to high volume. What action retrieves the product details with the lowest response time, fault tolerant, and consistent data?

- A. Select the product details from a database in a Cache scope and return them within the API response
- B. Select the product details from a database and put them in Anypoint MQ; the Anypoint MO subscriber will receive the product details and return them within the API response
- C. Use an object store to store and retrieve the product details originally read from a database and return them within the API response
- D. Select the product details from a database and return them within the API response

Answer: C

NEW QUESTION 124

A Mule application implements an API. The Mule application has an HTTP Listener whose connector configuration sets the HTTPS protocol and hard-codes the port value. The Mule application is deployed to an Anypoint VPC and uses the CloudHub 1.0 Shared Load Balancer (SLB) for all incoming traffic. Which port number must be assigned to the HTTP Listener's connector configuration so that the Mule application properly receives HTTPS API invocations routed through the SLB?

- A. 8082
- B. 8092
- C. 80
- D. 443

Answer: B

NEW QUESTION 127

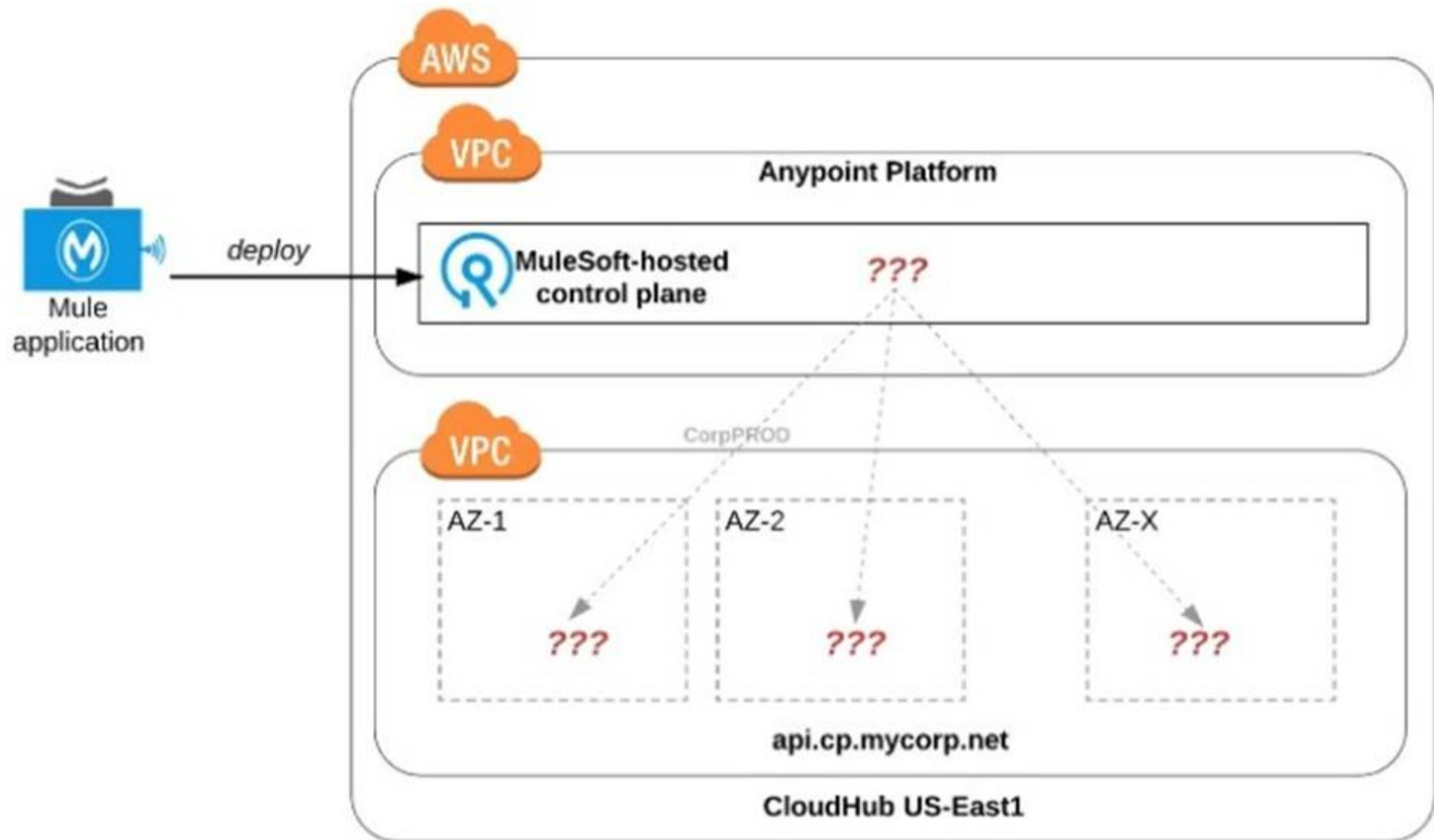
An API is protected with a Client ID Enforcement policy and uses the default configuration. Access is requested for the client application to the API, and an approved contract now exists between the client application and the API. How can a consumer of this API avoid a 401 error "Unauthorized or invalid client application credentials"?

- A. Send the obtained token as a header in every call
- B. Send the obtained: client_id and client_secret in the request body
- C. Send the obtained client_id and client_secret as URI parameters in every call
- D. Send the obtained client_id and client_secret in the header of every API Request call

Answer: C

NEW QUESTION 132

Refer to the exhibit.



An organization uses one specific CloudHub (AWS) region for all CloudHub deployments. How are CloudHub workers assigned to availability zones (AZs) when the organization's Mule applications are deployed to CloudHub in that region?

- A. Workers belonging to a given environment are assigned to the same AZ within that region
- B. AZs are selected as part of the Mule application's deployment configuration
- C. Workers are randomly distributed across available AZs within that region
- D. An AZ is randomly selected for a Mule application, and all the Mule application's CloudHub workers are assigned to that one AZ

Answer: D

NEW QUESTION 137

What are the major benefits of MuleSoft proposed IT Operating Model?

- A. * 1. Decrease the IT delivery gap* 2. Meet various business demands without increasing the IT capacity* 3. Focus on creation of reusable assets first
- B. Upon finishing creation of all the possible assets then inform the LOBs in the organization to start using them
- C. * 1. Decrease the IT delivery gap* 2. Meet various business demands by increasing the IT capacity and forming various IT departments* 3. Make consumption of assets at the rate of production
- D. * 1. Decrease the IT delivery gap* 2. Meet various business demands without increasing the IT capacity* 3. Make consumption of assets at the rate of production

Answer: C

NEW QUESTION 141

What is true about automating interactions with Anypoint Platform using tools such as Anypoint Platform REST APIs, Anypoint CU, or the Mule Maven plugin?

- A. Access to Anypoint Platform APIs and Anypoint CU can be controlled separately through the roles and permissions in Anypoint Platform, so that specific users can get access to Anypoint CLI while others get access to the platform APIs
- B. Anypoint Platform APIs can ONLY automate interactions with CloudHub, while the Mule Maven plugin is required for deployment to customer-hosted Mule runtimes
- C. By default, the Anypoint CLI and Mule Maven plugin are NOT included in the Mule runtime, so are NOT available to be used by deployed Mule applications
- D. API policies can be applied to the Anypoint Platform APIs so that ONLY certain LOBs have access to specific functions

Answer: C

NEW QUESTION 145

How can the application of a rate limiting API policy be accurately reflected in the RAML definition of an API?

- A. By refining the resource definitions by adding a description of the rate limiting policy behavior
- B. By refining the request definitions by adding a remaining Requests query parameter with description, type, and example
- C. By refining the response definitions by adding the out-of-the-box Anypoint Platform rate-limit-enforcement securityScheme with description, type, and example
- D. By refining the response definitions by adding the x-ratelimit-* response headers with description, type, and example

Answer: D

Explanation:

Correct Answer: By refining the response definitions by adding the x-ratelimit-* response headers with description, type, and example

Response Headers

The following access-limiting policies return headers having information about the current state of the request:

- o X-Ratelimit-Remaining: The amount of available quota.
- o X-Ratelimit-Limit: The maximum available requests per window.
- o X-Ratelimit-Reset: The remaining time, in milliseconds, until a new window starts.

Response Headers

Three headers are included in request responses that inform users about the SLA restrictions and inform them when nearing the threshold. When the SLA enforces multiple policies that limit request throughput, a single set of headers pertaining to the most restrictive of the policies provides this information.

For example, a user of your API may receive a response that includes these headers:

```
X-RateLimit-Limit: 20
X-RateLimit-Remaining: 14
X-RateLimit-Reset: 19100
```

Within the next 19100 milliseconds, only 14 more requests are allowed by the SLA, which is set to allow 20 within this time-window.

References:

- <https://docs.mulesoft.com/api-manager/2.x/rate-limiting-and-throttling#response-headers>
- <https://docs.mulesoft.com/api-manager/2.x/rate-limiting-and-throttling-sla-basedpolicies#response-headers>

NEW QUESTION 148

Which two statements are true about the technology architecture of an Anypoint Virtual Private Cloud (VPC)? Choose 2 answers

- A. Ports 8081 and 8082 are used
- B. CIDR blocks are used
- C. Anypoint VPC is responsible for load balancing the applications
- D. Round-robin load balancing is used to distribute client requests across different applications
- E. By default, HTTP requests can be made from the public internet to workers at port 6091

Answer: BE

NEW QUESTION 152

An established communications company is beginning its API-led connectivity journey, The company has been using a successful Enterprise Data Model for many years. The company has identified a self-service account management app as the first effort for API- led, and it has identified the following APIs.

Experience layer: Mobile Account Management EAPI, Browser Account Management EAPI
 Process layer: Customer Lookup PAPI, Service Lookup PAPI, Account Lookup PAPI
 System layer: Customer SAPI, Account SAPI, Product SAPI, Service SAPI
 According to MuleSoft's API-led connectivity approach, which API would not be served by the Enterprise Data Model?

- A. Customer SAPI
- B. Customer Lookup PAPI
- C. Mobile Account Management EAPI
- D. Service SAPI

Answer: C

NEW QUESTION 157

An API implementation is deployed on a single worker on CloudHub and invoked by external API clients (outside of CloudHub). How can an alert be set up that is guaranteed to trigger AS SOON AS that API implementation stops responding to API invocations?

- A. Implement a heartbeat/health check within the API and invoke it from outside the Anypoint Platform and alert when the heartbeat does not respond
- B. Configure a "worker not responding" alert in Anypoint Runtime Manager
- C. Handle API invocation exceptions within the calling API client and raise an alert from that API client when the API is unavailable
- D. Create an alert for when the API receives no requests within a specified time period

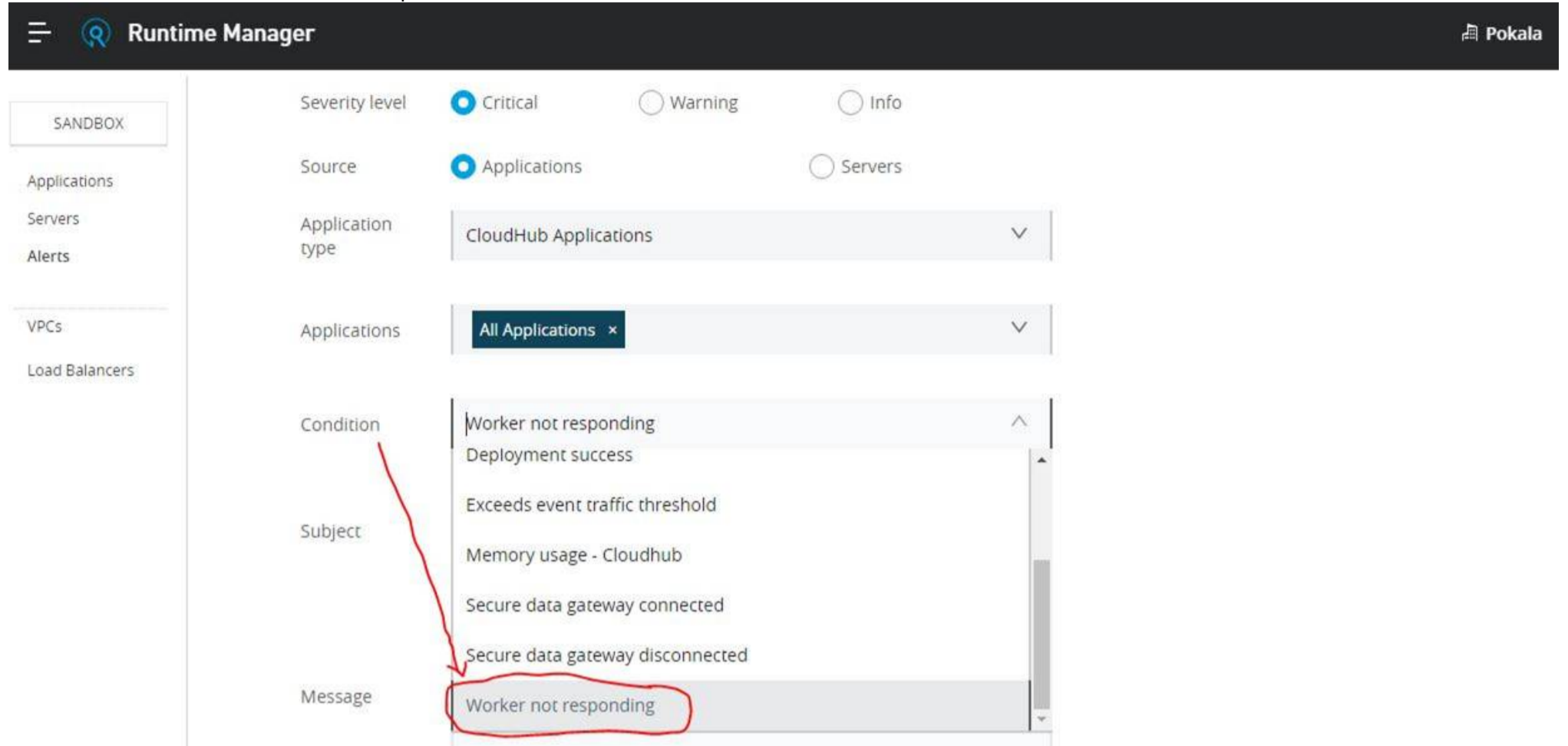
Answer: B

Explanation:

Correct Answer: Configure a ??Worker not responding?? alert in Anypoint Runtime Manager.

- >> All the options eventually helps to generate the alert required when the application stops responding.
- >> However, handling exceptions within calling API and then raising alert from API client is inappropriate and silly. There could be many API clients invoking the API implementation and it is not ideal to have this setup consistently in all of them. Not a realistic way to do.
- >> Implementing a health check/ heartbeat with in the API and calling from outside to detmine the health sounds OK but needs extra setup for it and same time there are very good chances of generating false alarms when there are any intermittent network issues between external tool calling the health check API on API

implementation. The API implementation itself may not have any issues but due to some other factors some false alarms may go out.
 >> Creating an alert in API Manager when the API receives no requests within a specified time period would actually generate realistic alerts but even here some false alarms may go out when there are genuinely no requests from API clients.
 The best and right way to achieve this requirement is to setup an alert on Runtime Manager with a condition "Worker not responding". This would generate an alert AS SOON AS the workers become unresponsive.



NEW QUESTION 159

A team is planning to enhance an Experience API specification, and they are following API- led connectivity design principles. What is their motivation for enhancing the API?

- A. The primary API consumer wants certain kinds of endpoints changed from the Center for Enablement standard to the consumer system standard
- B. The underlying System API is updated to provide more detailed data for several heavily used resources
- C. An IP Allowlist policy is being added to the API instances in the Development and Staging environments
- D. A Canonical Data Model is being adopted that impacts several types of data included in the API

Answer: D

NEW QUESTION 162

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