

MuleSoft-Platform-Architect-I Dumps

Salesforce Certified MuleSoft Platform Architect 1 Exam (SP24)

<https://www.certleader.com/MuleSoft-Platform-Architect-I-dumps.html>



NEW QUESTION 1

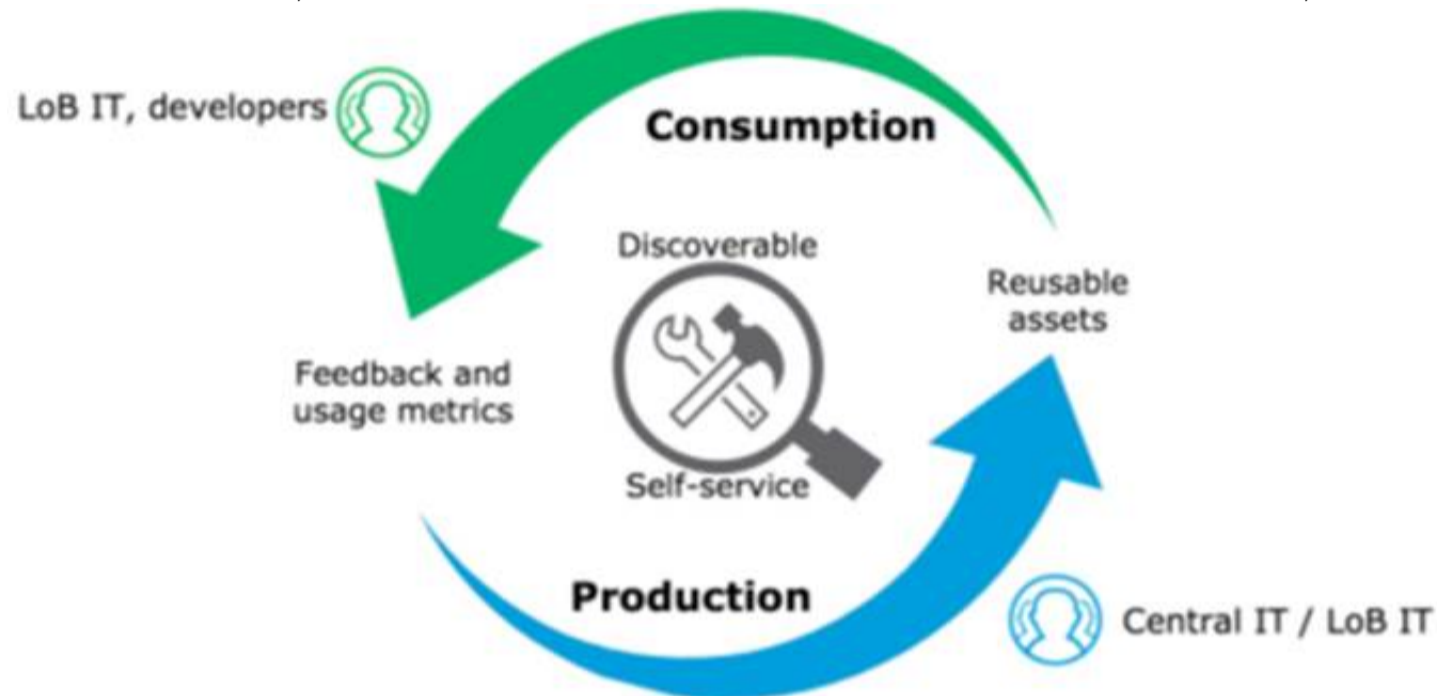
Which of the below, when used together, makes the IT Operational Model effective?

- A. Create reusable assets, Do marketing on the created assets across organization, Arrange time to time LOB reviews to ensure assets are being consumed or not
- B. Create reusable assets, Make them discoverable so that LOB teams can self-serve and browse the APIs, Get active feedback and usage metrics
- C. Create reusable assets, make them discoverable so that LOB teams can self-serve and browse the APIs

Answer: C

Explanation:

Create reusable assets, Make them discoverable so that LOB teams can self-serve and browse the APIs, Get active feedback and usage metrics.



NEW QUESTION 2

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 s 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 3

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

Answer: D

Explanation:

Correct Answer: GET, OPTIONS, HEAD

APIs use HTTP-based protocols: cached HTTP responses from previous HTTP requests may potentially be returned if the same HTTP request is seen again.

Safe HTTP methods are ones that do not alter the state of the underlying resource. That is, the *HTTP responses to requests using safe HTTP methods may be cached.*

The HTTP standard requires the following HTTP methods on any resource to be safe:

- GET
- HEAD
- OPTIONS

Safety must be honored by REST APIs (but not by non-REST APIs like SOAP APIs): It is the *responsibility of every API implementation* to implement **GET, HEAD or OPTIONS** methods such that they never change the state of a resource.

<http://restcookbook.com/HTTP%20Methods/idempotency/>

NEW QUESTION 4

An Order API must be designed that contains significant amounts of integration logic and involves the invocation of the Product API. The power relationship between Order API and Product API is one of "Customer/Supplier", because the Product API is used heavily throughout the organization and is developed by a dedicated development team located in the office of the CTO. What strategy should be used to deal with the API data model of the Product API within the Order API?

- A. Convince the development team of the Product API to adopt the API data model of the Order API such that the integration logic of the Order API can work with one consistent internal data model
- B. Work with the API data types of the Product API directly when implementing the integration logic of the Order API such that the Order API uses the same (unchanged) data types as the Product API
- C. Implement an anti-corruption layer in the Order API that transforms the Product API data model into internal data types of the Order API
- D. Start an organization-wide data modeling initiative that will result in an Enterprise Data Model that will then be used in both the Product API and the Order API

Answer: C

NEW QUESTION 5

The implementation of a Process API must change. What is a valid approach that minimizes the impact of this change on API clients?

- A. Update the RAML definition of the current Process API and notify API client developers by sending them links to the updated RAML definition
- B. Postpone changes until API consumers acknowledge they are ready to migrate to a new Process API or API version
- C. Implement required changes to the Process API implementation so that whenever possible, the Process API's RAML definition remains unchanged
- D. Implement the Process API changes in a new API implementation, and have the old API implementation return an HTTP status code 301 - Moved Permanently to inform API clients they should be calling the new API implementation

Answer: C

NEW QUESTION 6

What is most likely NOT a characteristic of an integration test for a REST API implementation?

- A. The test needs all source and/or target systems configured and accessible
- B. The test runs immediately after the Mule application has been compiled and packaged
- C. The test is triggered by an external HTTP request
- D. The test prepares a known request payload and validates the response payload

Answer: B

NEW QUESTION 7

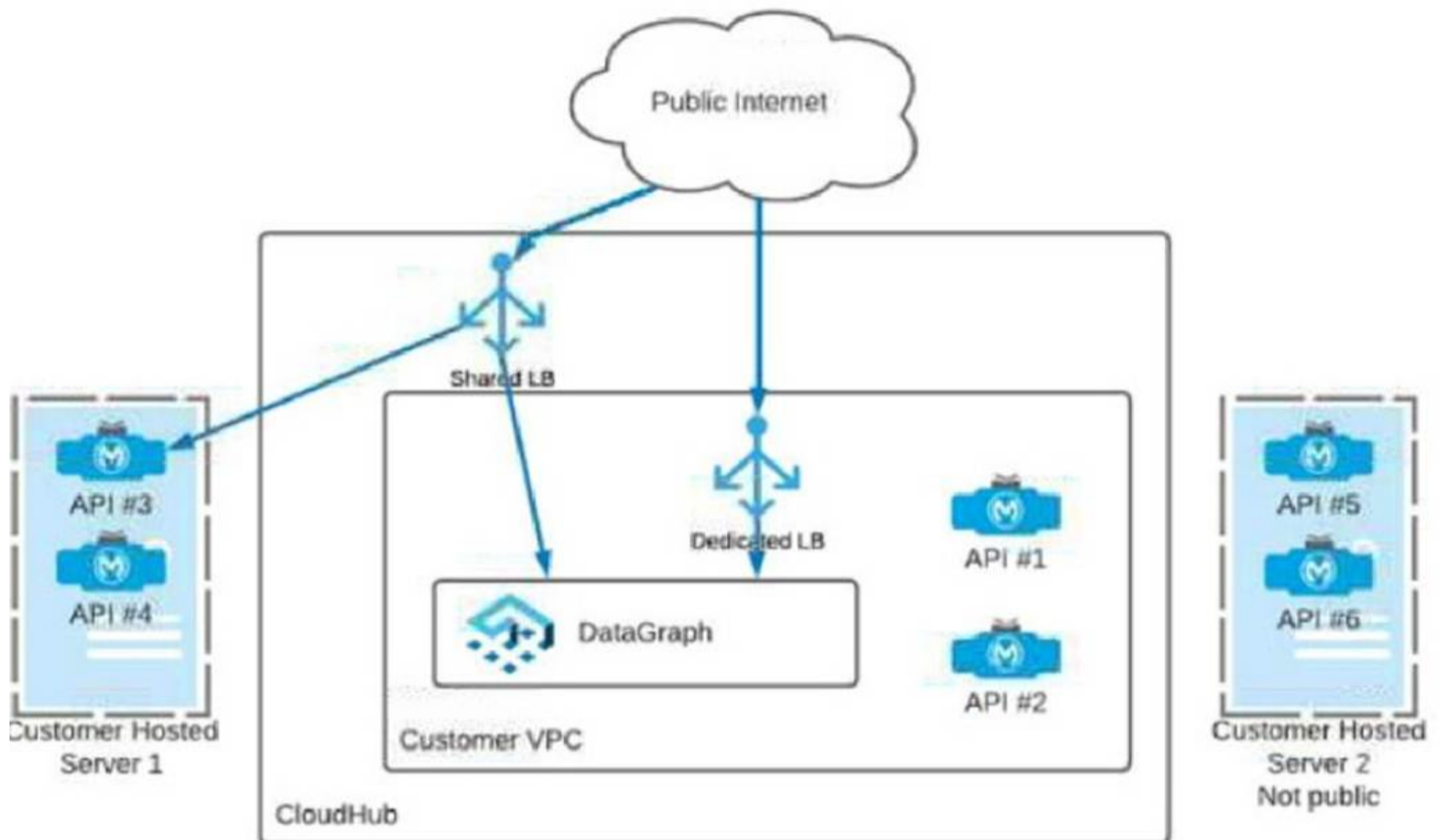
A customer wants to monitor and gain insights about the number of requests coming in a given time period as well as to measure key performance indicators (response times, CPU utilization, number of active APIs). Which tool provides these data insights?

- A. Anypoint Monitoring
- B. APT Manager
- C. Runtime Alerts
- D. Functional Monitoring

Answer: A

NEW QUESTION 8

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, 3, 5, 6
- D. APIs 1, 2, 3, 4

Answer: D

NEW QUESTION 9

An organization has implemented a Customer Address API to retrieve customer address information. This API has been deployed to multiple environments and has been configured to enforce client IDs everywhere.

A developer is writing a client application to allow a user to update their address. The developer has found the Customer Address API in Anypoint Exchange and wants to use it in their client application.

What step of gaining access to the API can be performed automatically by Anypoint Platform?

- A. Approve the client application request for the chosen SLA tier
- B. Request access to the appropriate API Instances deployed to multiple environments using the client application's credentials
- C. Modify the client application to call the API using the client application's credentials
- D. Create a new application in Anypoint Exchange for requesting access to the API

Answer: A

NEW QUESTION 10

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 APIs 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 API producer should be requested to run the old version in parallel with the new one
- B. The API producer should be contacted to understand the change to existing functionality
- C. The API client code only needs to be changed if it needs to take advantage of the new features
- D. The API clients need to update the code on their side and need to do full regression

Answer: C

NEW QUESTION 10

What is true about the technology architecture of Anypoint VPCs?

- A. The private IP address range of an Anypoint VPC is automatically chosen by CloudHub
- B. Traffic between Mule applications deployed to an Anypoint VPC and on-premises systems can stay within a private network
- C. Each CloudHub environment requires a separate Anypoint VPC
- D. VPC peering can be used to link the underlying AWS VPC to an on-premises (non AWS) private network

Answer: B

Explanation:

Correct Answer: Traffic between Mule applications deployed to an Anypoint VPC and onpremises systems can stay within a private network

>> The private IP address range of an Anypoint VPC is NOT automatically chosen by CloudHub. It is chosen by us at the time of creating VPC using thr CIDR blocks.

CIDR Block: The size of the Anypoint VPC in Classless Inter-Domain Routing (CIDR) notation.

For example, if you set it to 10.111.0.0/24, the Anypoint VPC is granted 256 IP addresses from 10.111.0.0 to 10.111.0.255.

Ideally, the CIDR Blocks you choose for the Anypoint VPC come from a private IP space, and should not overlap with any other Anypoint VPC??s CIDR Blocks, or any CIDR Blocks in use in your corporate network.

← Create VPC

Learn more about VPCs

General Information

Name	<input type="text" value="vpc1"/>
Region	<input type="text" value="US East (N. Virginia)"/>
CIDR Block	<input type="text" value="10.0.0.0/16"/>
Environments	<input type="text" value="Design"/>
<input checked="" type="checkbox"/> Set as default VPC ⓘ	
Business Groups	<input type="text" value="MyBusinessGroup (MyOrg)"/>

that each CloudHub environment requires a separate Anypoint VPC. Once an Anypoint VPC is created, we can choose a same VPC by multiple environments. However, it is generally a best and recommended practice to always have seperate Anypoint VPCs for Non-Prod and Prod environments.

>> We use Anypoint VPN to link the underlying AWS VPC to an on-premises (non AWS) private network. NOT VPC Peering.

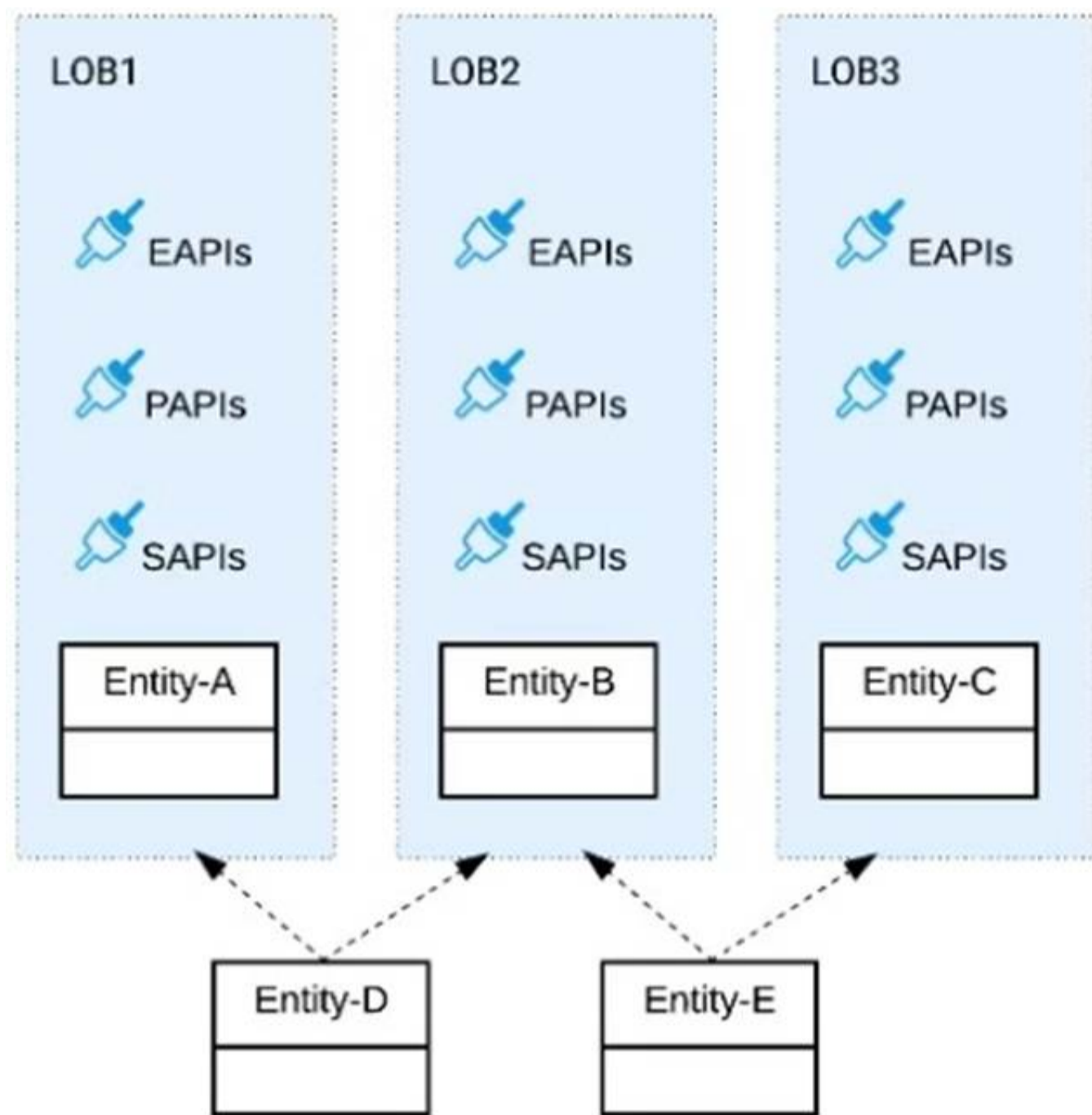
Reference: <https://docs.mulesoft.com/runtime-manager/vpn-about>

Only true statement in the given choices is that the traffic between Mule applications deployed to an Anypoint VPC and on-premises systems can stay within a private network.

<https://docs.mulesoft.com/runtime-manager/vpc-connectivity-methods-concept>

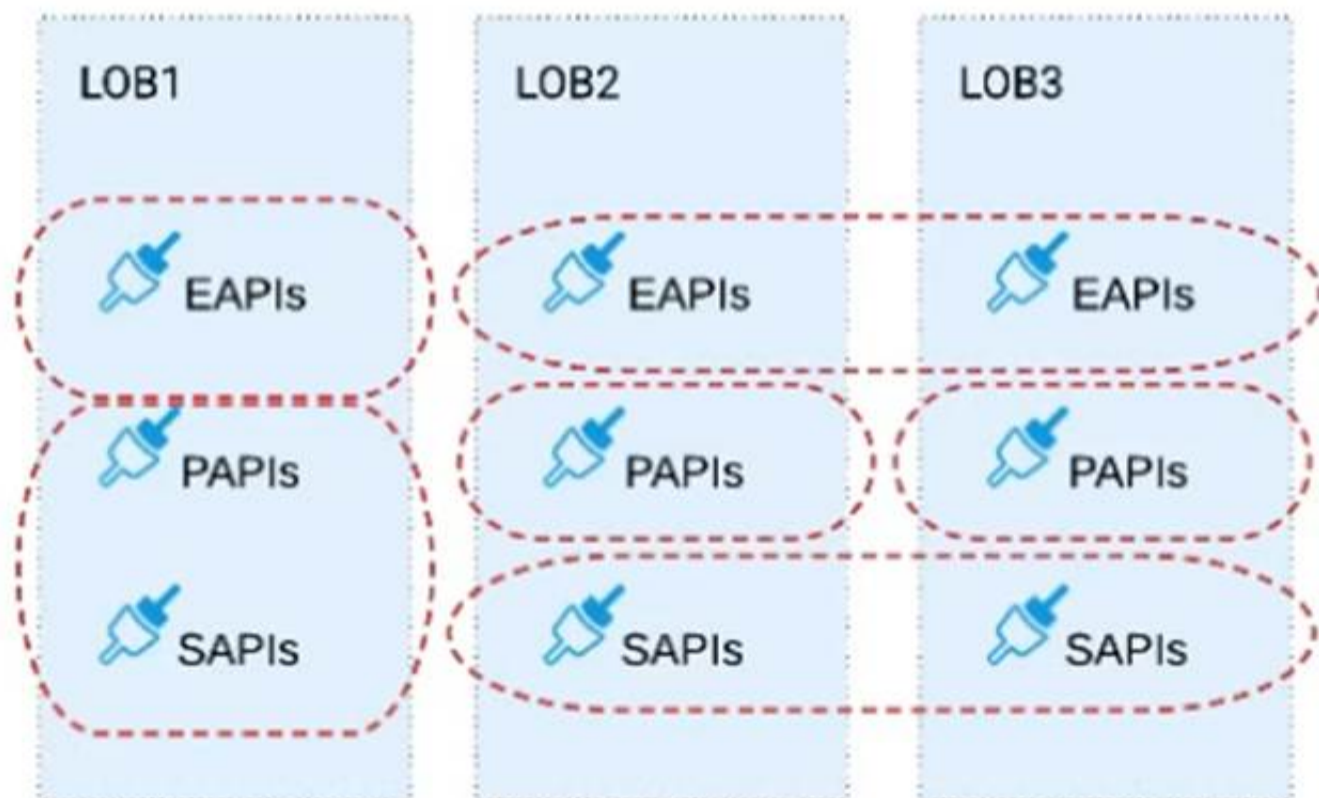
NEW QUESTION 11

Refer to the exhibit.

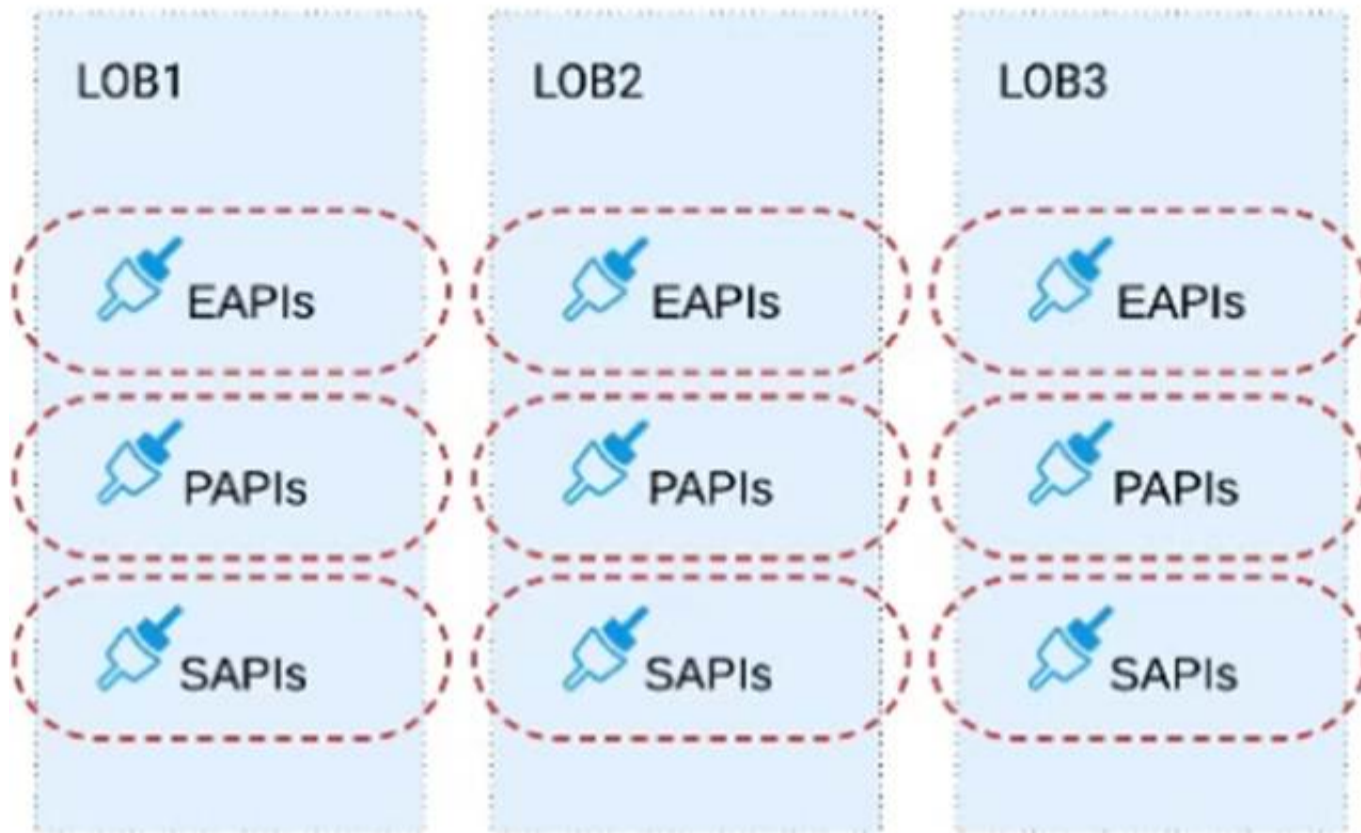


Three business processes need to be implemented, and the implementations need to communicate with several different SaaS applications. These processes are owned by separate (siloed) LOBs and are mainly independent of each other, but do share a few business entities. Each LOB has one development team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

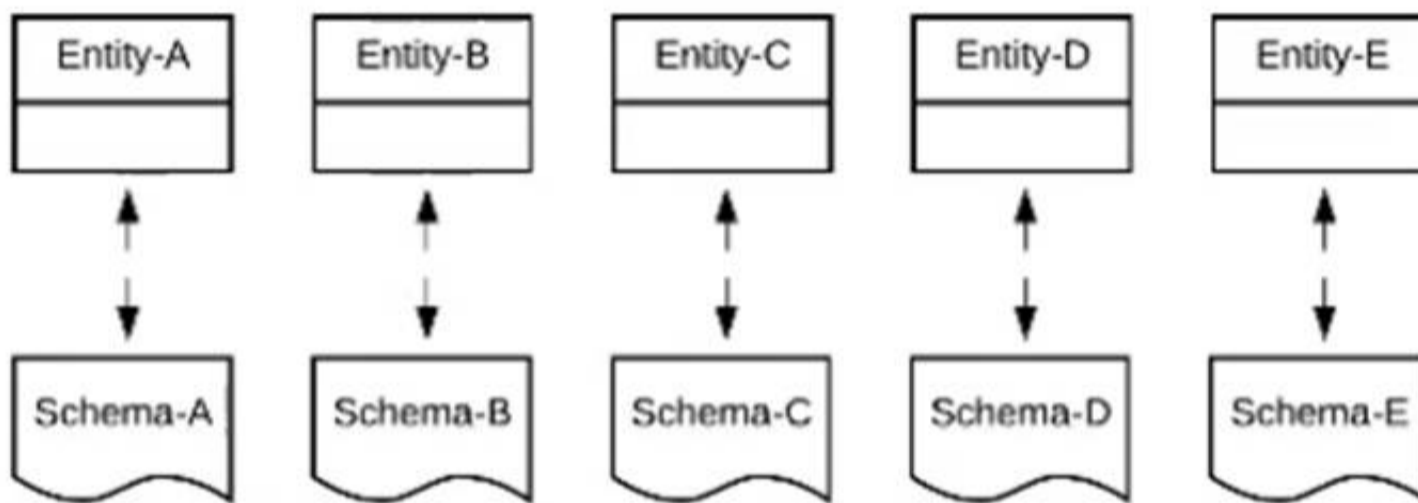
A) Build several Bounded Context Data Models that align with coherent parts of the business processes and the definitions of associated business entities



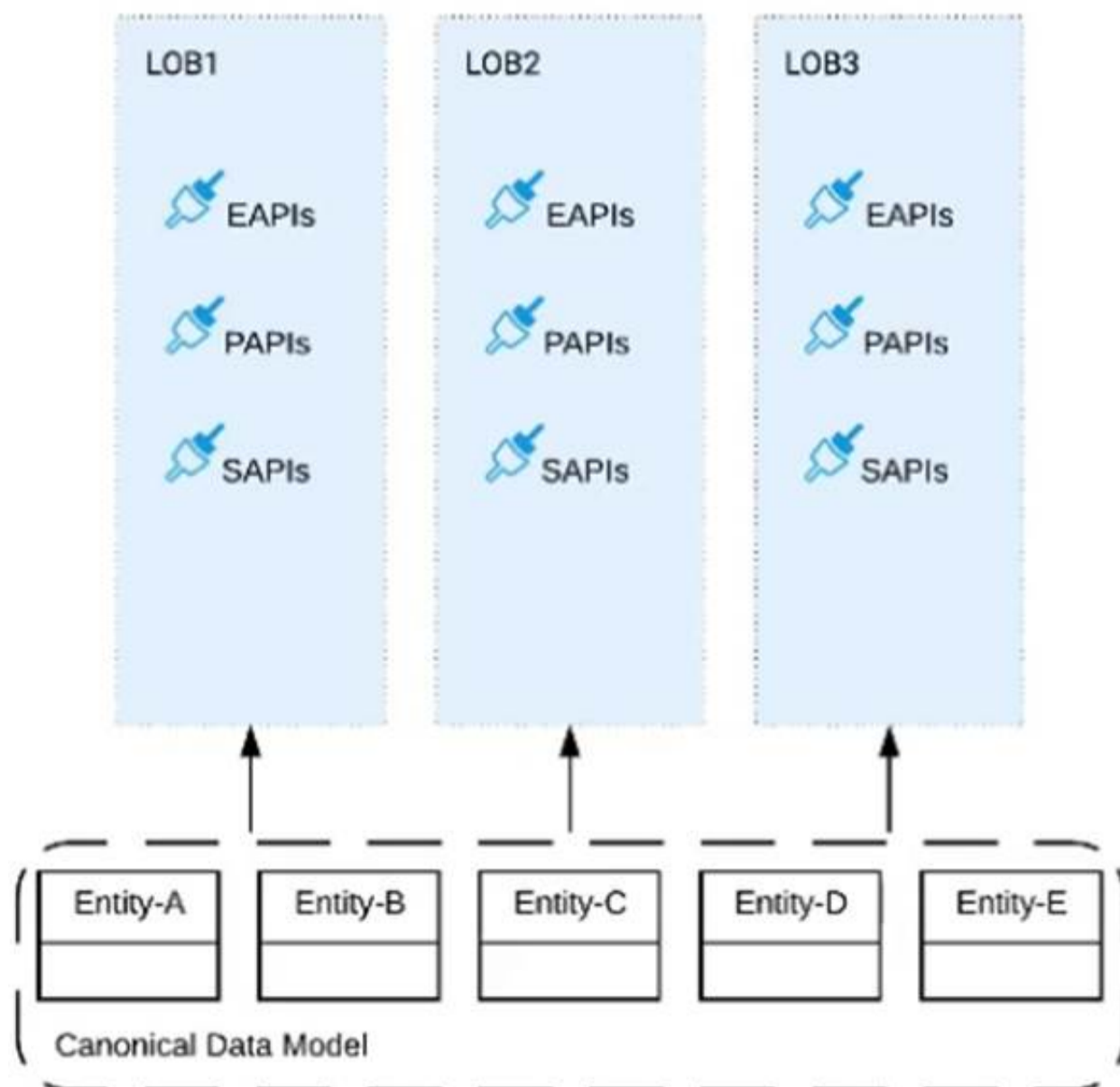
B) Build distinct data models for each API to follow established micro-services and Agile API-centric practices



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



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 14

A developer from the Central IT team has created an initial version of the RAML definition in Design Center for an OAuth 2.0-protected System API and published it to Exchange. Another developer from LoB IT discovered the System API in Exchange and would like to leverage it in the Process API. What is the MuleSoft-recommended approach for Process API to invoke the System API?

- A. The Process API needs to import an OAuth 2.0 module from Exchange first and update it with OAuth 2.0 credentials before the System API can be invoked
- B. The Process API uses property YAML files to store the System API URLs and uses the HTTP Request Connector to invoke the System API
- C. The Process API uses the REST Connect Connector autogenerated in Exchange for the System API
- D. The Process API manually updates the Process API POM file to include the System API as a dependency

Answer: C

NEW QUESTION 17

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 19

Several times a week, an API implementation shows several thousand requests per minute in an Anypoint Monitoring dashboard, Between these bursts, the dashboard shows between two and five requests per minute. The API implementation is running on Anypoint Runtime Fabric with two non-clustered replicas, reserved vCPU 1.0 and vCPU Limit 2.0.

An API consumer has complained about slow response time, and the dashboard shows the 99 percentile is greater than 120 seconds at the time of the complaint. It also shows greater than 90% CPU usage during these time periods.

In manual tests in the QA environment, the API consumer has consistently reproduced the slow response time and high CPU usage, and there were no other API requests at this time. In a brainstorming session, the engineering team has created several proposals to reduce the response time for requests.

Which proposal should be pursued first?

- A. Increase the vCPU resources of the API implementation
- B. Modify the API client to split the problematic request into smaller, less-demanding requests
- C. Increase the number of replicas of the API implementation
- D. Throttle the APT client to reduce the number of requests per minute

Answer: A

NEW QUESTION 20

An organization wants to make sure only known partners can invoke the organization's APIs. To achieve this security goal, the organization wants to enforce a Client ID Enforcement policy in API Manager so that only registered partner applications can invoke the organization's APIs. In what type of API implementation does MuleSoft recommend adding an API proxy to enforce the Client ID Enforcement policy, rather than embedding the policy directly in the application's JVM?

- A. A Mule 3 application using APIkit
- B. A Mule 3 or Mule 4 application modified with custom Java code
- C. A Mule 4 application with an API specification
- D. A Non-Mule application

Answer: D

NEW QUESTION 24

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 Mule 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 27

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 28

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?

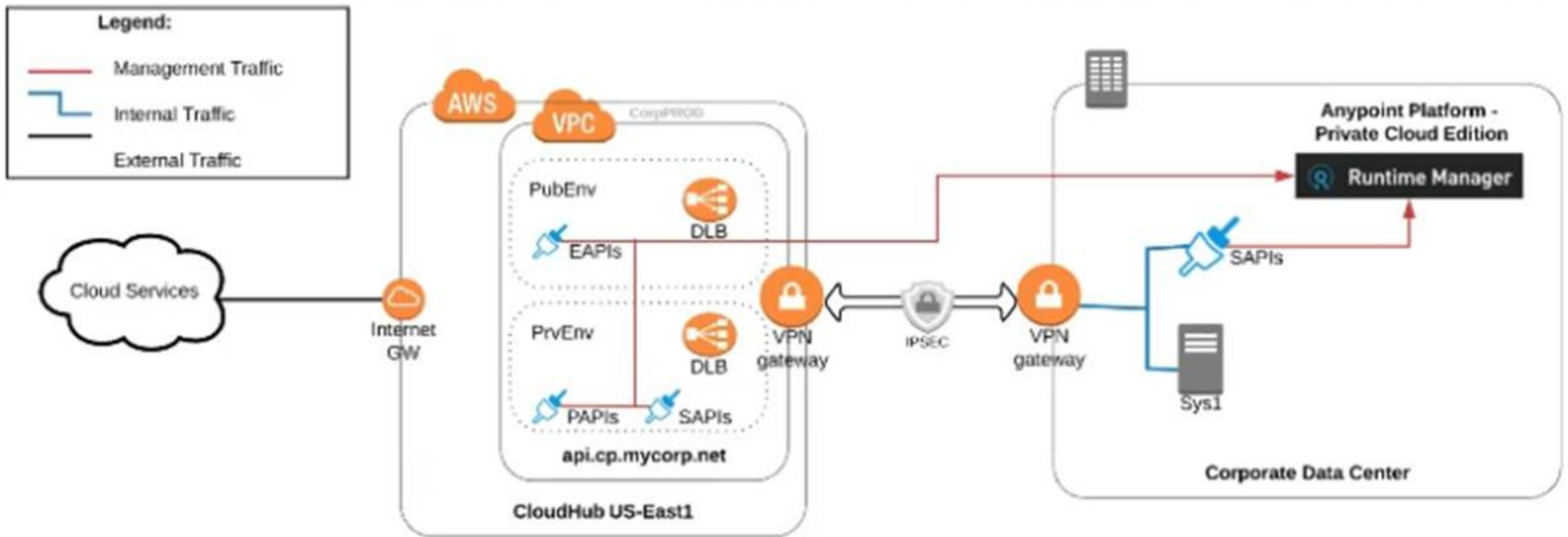
- A. The update should be identified as a project risk and full regression testing of the functionality that uses this API should be run
- B. The API producer should be contacted to understand the change to existing functionality
- C. The API producer should be requested to run the old version in parallel 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

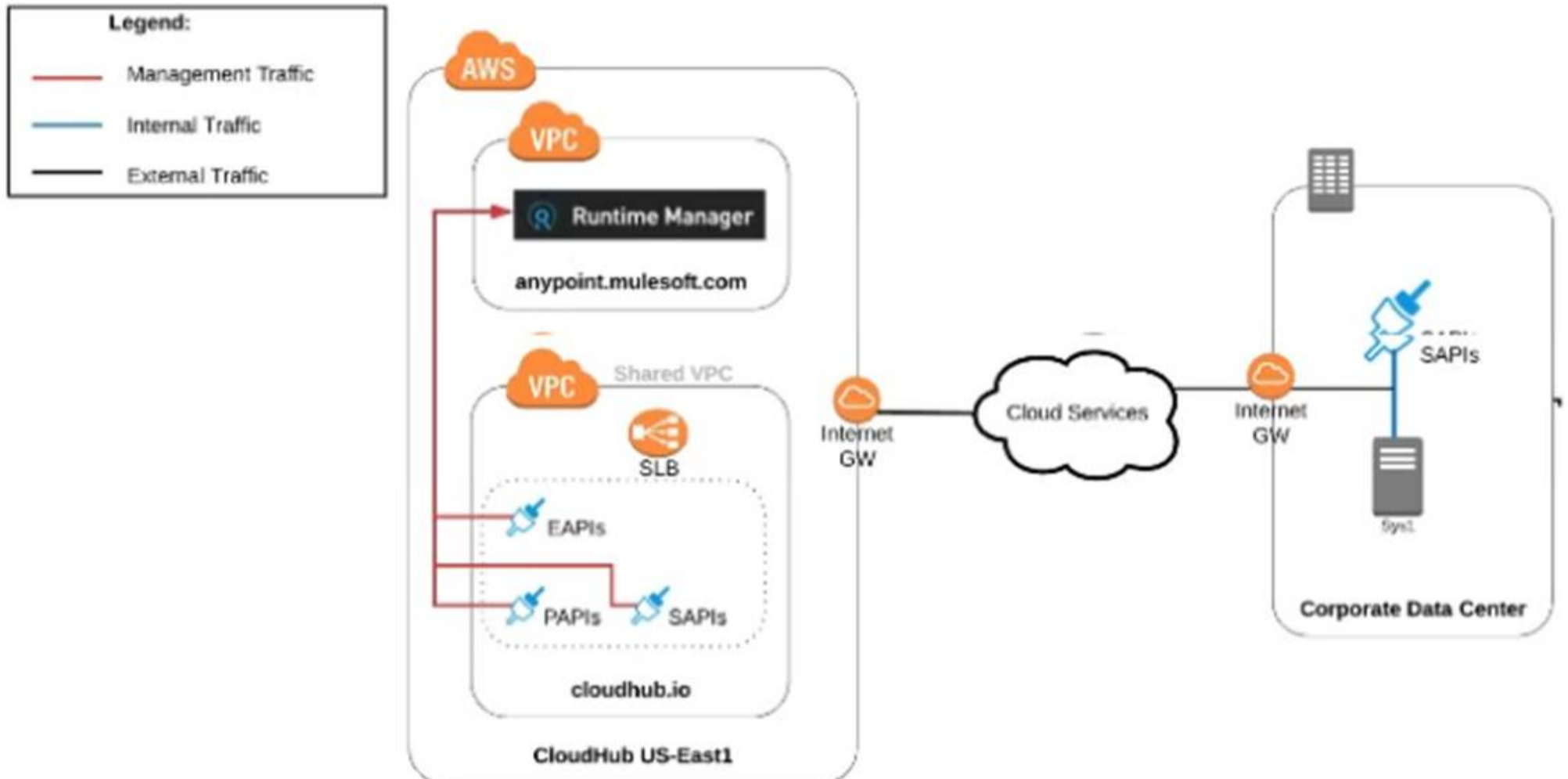
NEW QUESTION 29

An organization uses various cloud-based SaaS systems and multiple on-premises systems. The on-premises systems are an important part of the organization's application network and can only be accessed from within the organization's intranet.

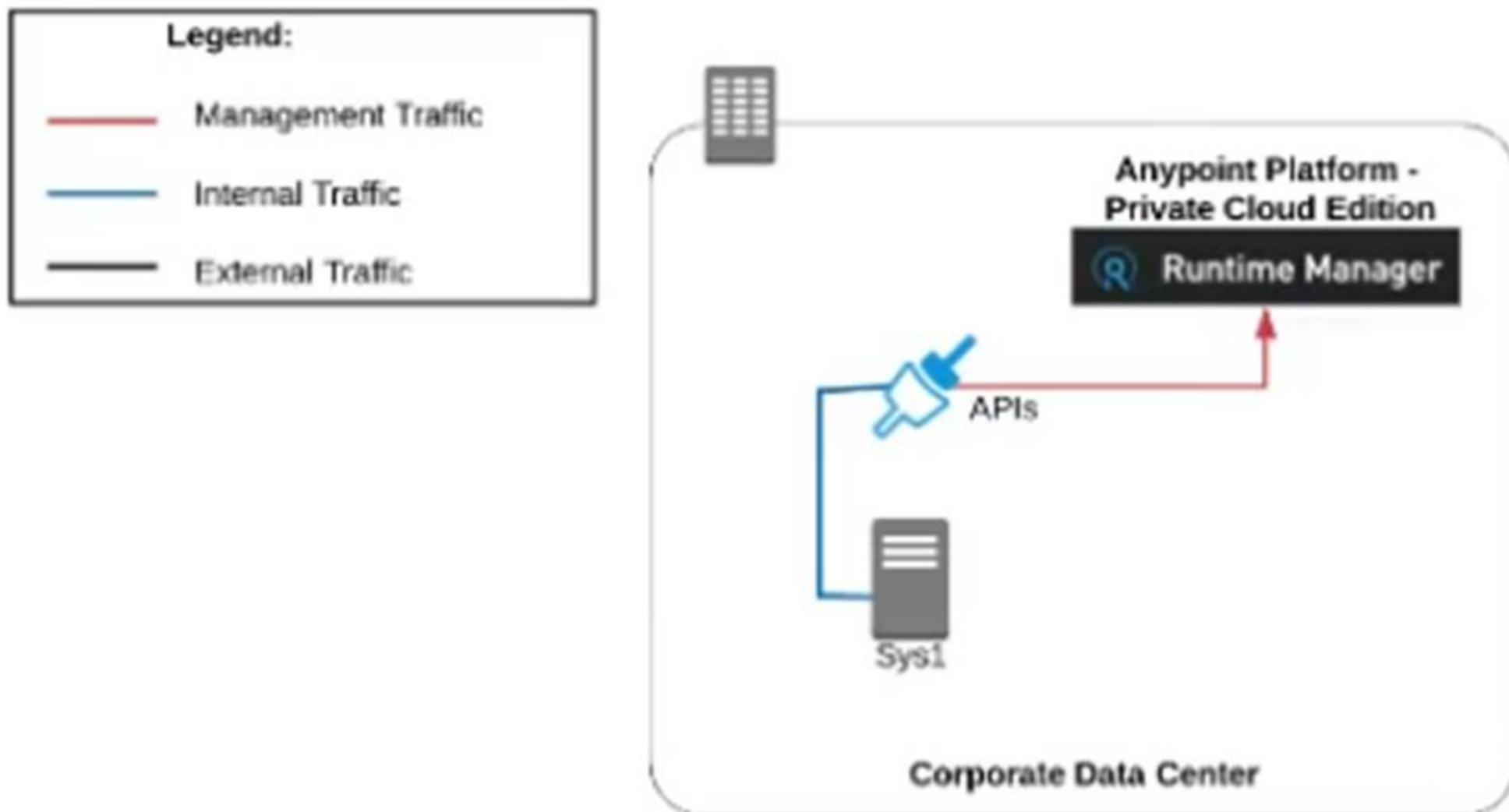
What is the best way to configure and use Anypoint Platform to support integrations with both the cloud-based SaaS systems and on-premises systems?
A) Use CloudHub-deployed Mule runtimes in an Anypoint VPC managed by Anypoint Platform Private Cloud Edition control plane



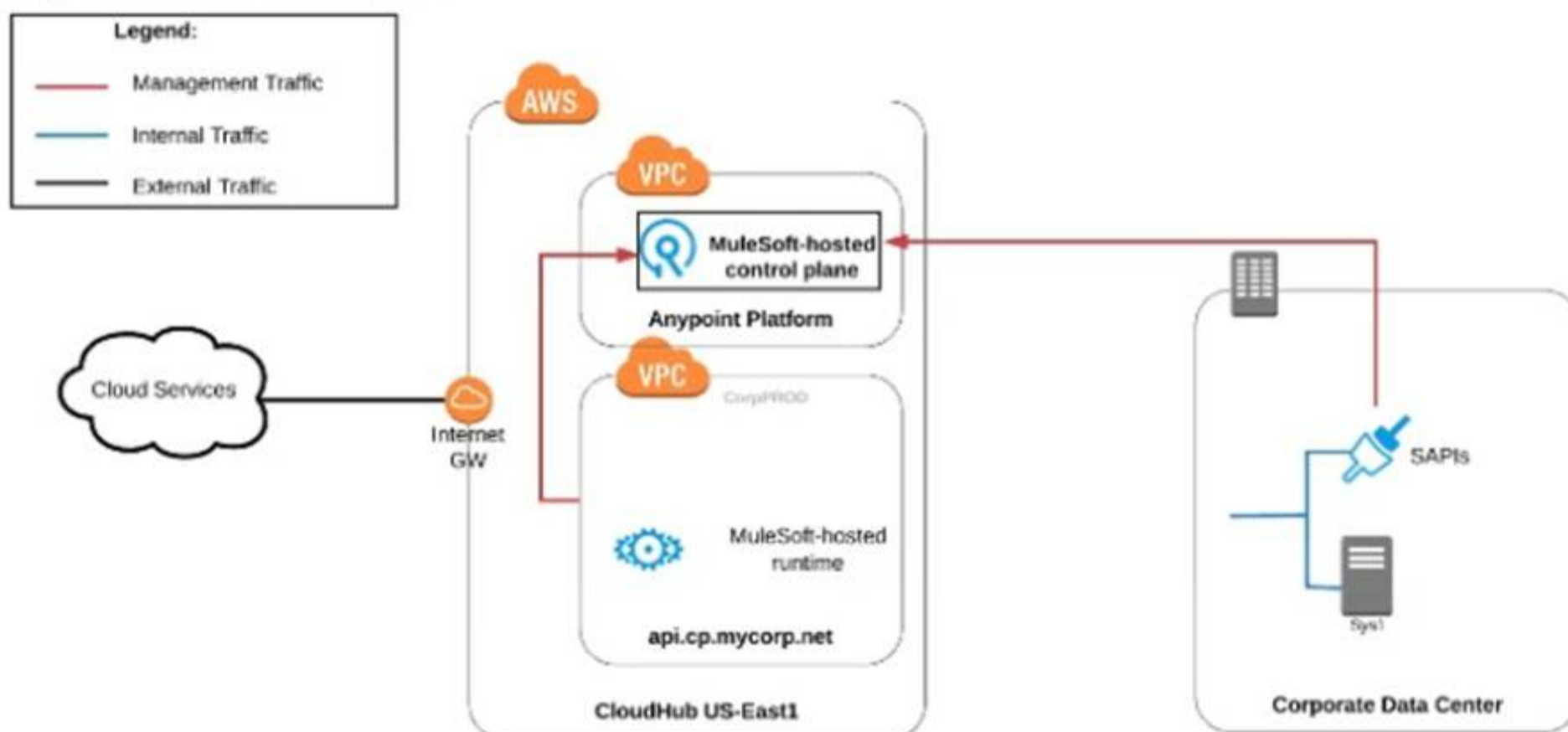
B) Use CloudHub-deployed Mule runtimes in the shared worker cloud managed by the MuleSoft-hosted Anypoint Platform control plane



C) Use an on-premises installation of Mule runtimes that are completely isolated with NO external network access, managed by the Anypoint Platform Private Cloud Edition control plane



D) Use a combination of Cloud Hub-deployed and manually provisioned on-premises Mule runtimes managed by the MuleSoft-hosted Anypoint Platform control plane



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

Answer: B

NEW QUESTION 30

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 35

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

Answer: C

NEW QUESTION 40

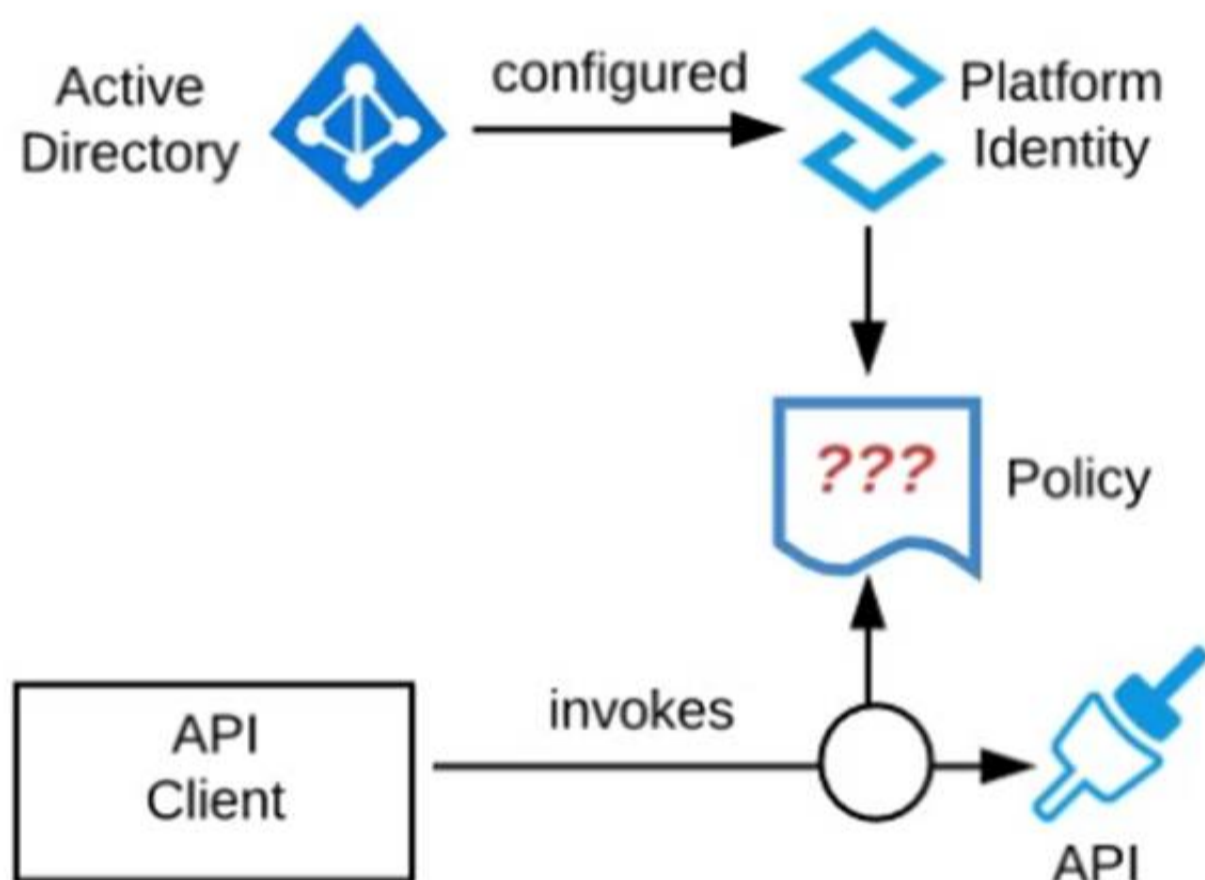
A Mule application exposes an HTTPS endpoint and is deployed to three CloudHub workers that do not use static IP addresses. The Mule application expects a high volume of client requests in short time periods. What is the most cost-effective infrastructure component that should be used to serve the high 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 44

Refer to the exhibit. An organization is running a Mule standalone runtime and has configured Active Directory as the Anypoint Platform external Identity Provider. The organization does not have budget for other system components.



What policy should be applied to all instances of APIs in the organization to most effectively restrict access to a specific group of internal users?

- A. Apply a basic authentication - LDAP policy; the internal Active Directory will be configured as the LDAP source for authenticating users
- B. Apply a client ID enforcement policy; the specific group of users will configure their client applications to use their specific client credentials
- C. Apply an IP whitelist policy; only the specific users' workstations will be in the whitelist
- D. Apply an OAuth 2.0 access token enforcement policy; the internal Active Directory will be configured as the OAuth server

Answer: A

NEW QUESTION 49

A circuit breaker strategy is planned in order to meet the goal of improved response time and demand on a downstream API.

- * Circuit Open: More than 10 errors per minute for three minutes
- * Circuit Half-Open: One error per minute
- * Circuit Closed: Less than one error per minute for five minutes

Out of several proposals from the engineering team, which option will meet this goal?

- A. Create a custom policy that implements the circuit breaker and includes policy template expressions for the required settings
- B. Create Anypoint Monitoring alerts for Circuit Open/Closed configurations, and then implement a retry strategy for Circuit Half-Open configuration
- C. Add the Circuit Breaker policy to the API instance, and configure the required settings
- D. Implement the strategy in a Mule application, and provide the settings in the YAML configuration

Answer: C

NEW QUESTION 54

An online store's marketing team has noticed an increase in customers leaving online baskets without checking out. They suspect a technology issue is at the root cause of the baskets being left behind. They approach the Center for Enablement to ask for help identifying the issue. Multiple APIs from across all the layers of their application network are involved in the shopping application.

Which feature of the Anypoint Platform can be used to view metrics from all involved APIs at the same time?

- A. Custom dashboards
- B. Built-in dashboards
- C. Functional monitoring
- D. API Manager

Answer: B

NEW QUESTION 57

A code-centric API documentation environment should allow API consumers to investigate and execute API client source code that demonstrates invoking one or more APIs as part of representative scenarios.

What is the most effective way to provide this type of code-centric API documentation environment using Anypoint Platform?

- A. Enable mocking services for each of the relevant APIs and expose them via their Anypoint Exchange entry
- B. Ensure the APIs are well documented through their Anypoint Exchange entries and API Consoles and share these pages with all API consumers
- C. Create API Notebooks and include them in the relevant Anypoint Exchange entries
- D. Make relevant APIs discoverable via an Anypoint Exchange entry

Answer: C

NEW QUESTION 60

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 65

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

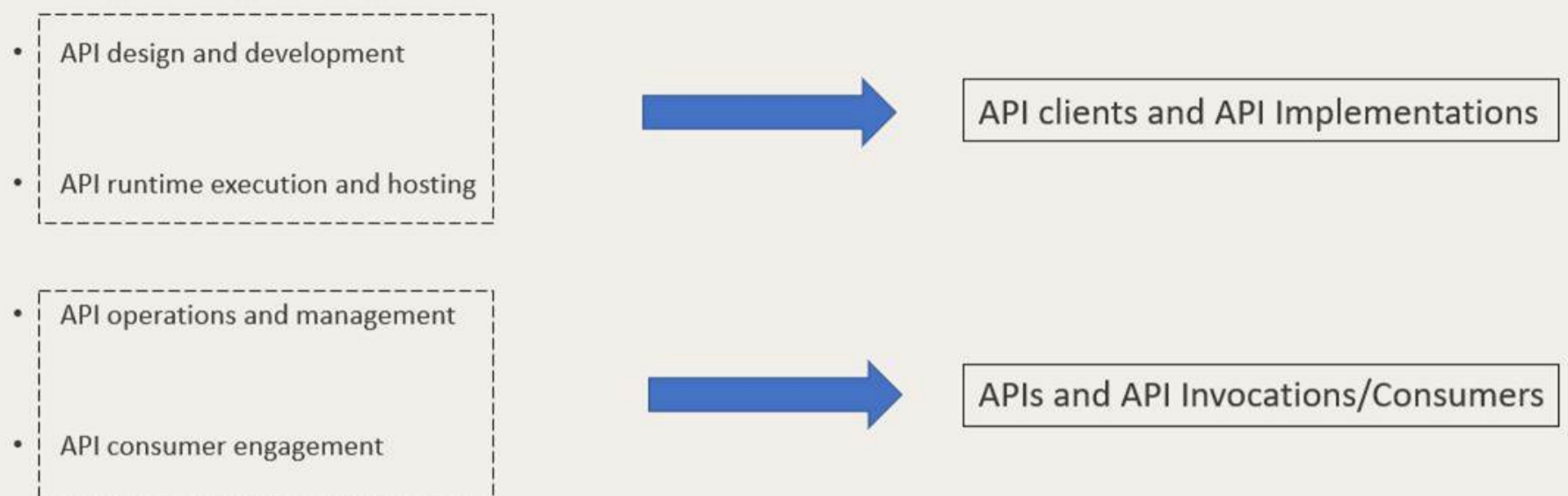
>> API Design and Development - Anypoint Studio, Anypoint Design Center, Anypoint Connectors

>> 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 70

A company deployed an API to a single worker/replica in the shared cloud in the U.S. West Region. What happens when the Availability Zone experiences an outage?

- A. CloudHub will auto-redeploy the APL in the U.
- B. East Region
- C. The APT will be unavailable until the availability comes back online, at which time the worker/replica will be auto-restarted
- D. CloudHub will auto-redeploy the API in another Availability Zone in the U.
- E. West Region
- F. The Anypoint Platform admin is alerted when the AP] is experiencing an outage and needs the trigger the CI/CD pipeline to redeploy to the U
- G. East Region

Answer: B

NEW QUESTION 71

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

Answer: C

NEW QUESTION 76

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 79

When can CloudHub Object Store v2 be used?

- A. To store an unlimited number of key-value pairs
- B. To store payloads with an average size greater than 15MB
- C. To store information in Mule 4 Object Store v1

D. To store key-value pairs with keys up to 300 characters

Answer: D

NEW QUESTION 82

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 84

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 89

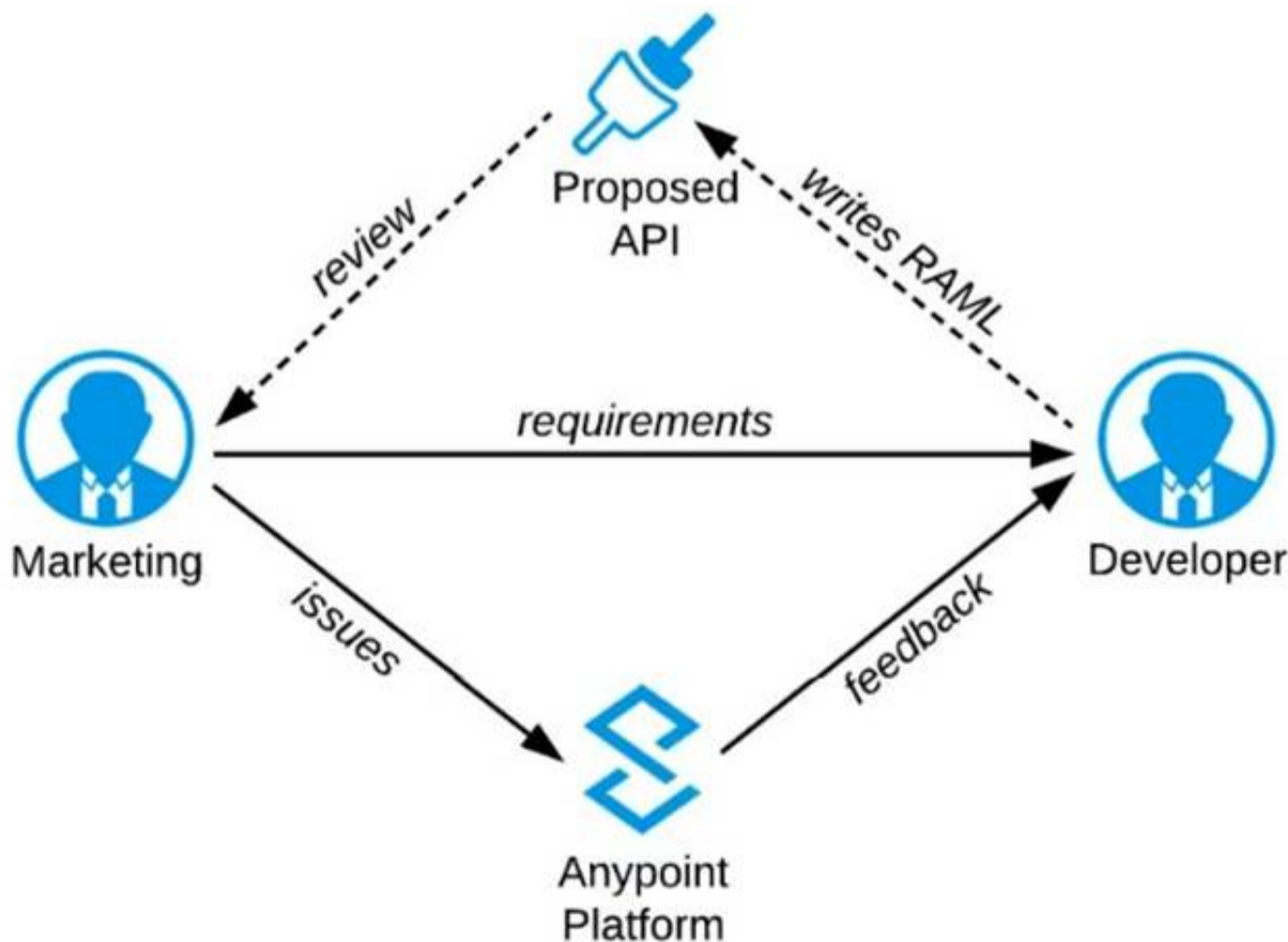
What is a typical result of using a fine-grained rather than a coarse-grained API deployment model to implement a given business process?

- A. A decrease in the number of connections within the application network supporting the business process
- B. A higher number of discoverable API-related assets in the application network
- C. A better response time for the end user as a result of the APIs being smaller in scope and complexity
- D. An overall tower usage of resources because each fine-grained API consumes less resources

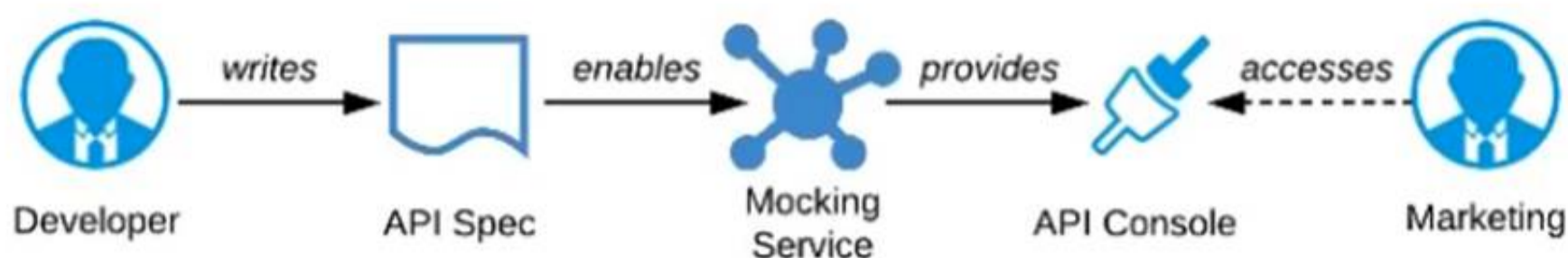
Answer: B

NEW QUESTION 94

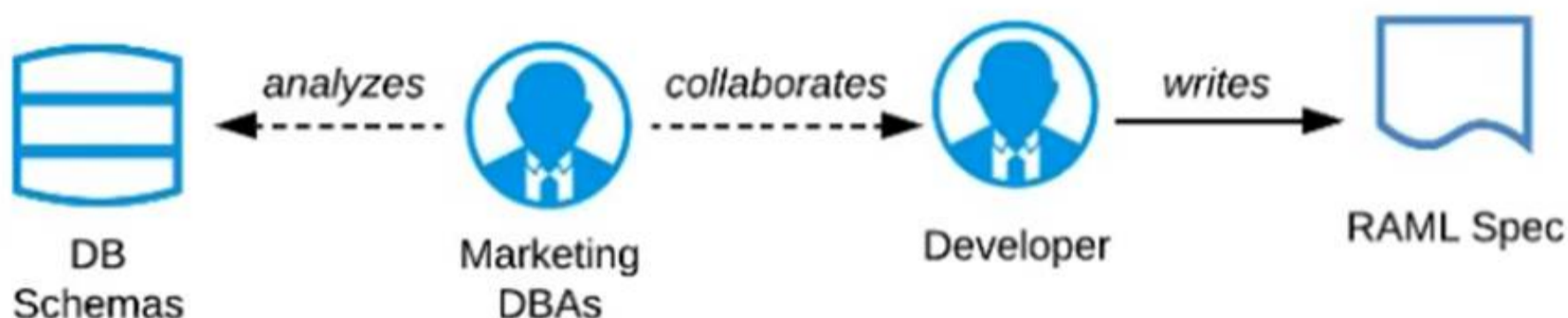
Refer to the exhibit.



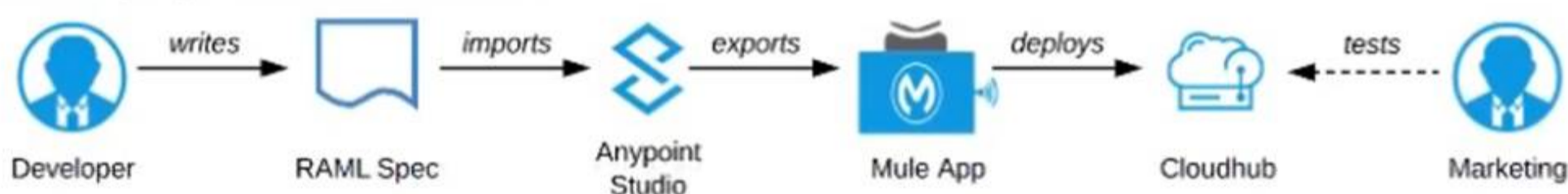
A RAML definition has been proposed for a new Promotions Process API, and has been published to Anypoint Exchange. The Marketing Department, who will be an important consumer of the Promotions API, has important requirements and expectations that must be met. What is the most effective way to use Anypoint Platform features to involve the Marketing Department in this early API design phase?
A) Ask the Marketing Department to interact with a mocking implementation of the API using the automatically generated API Console



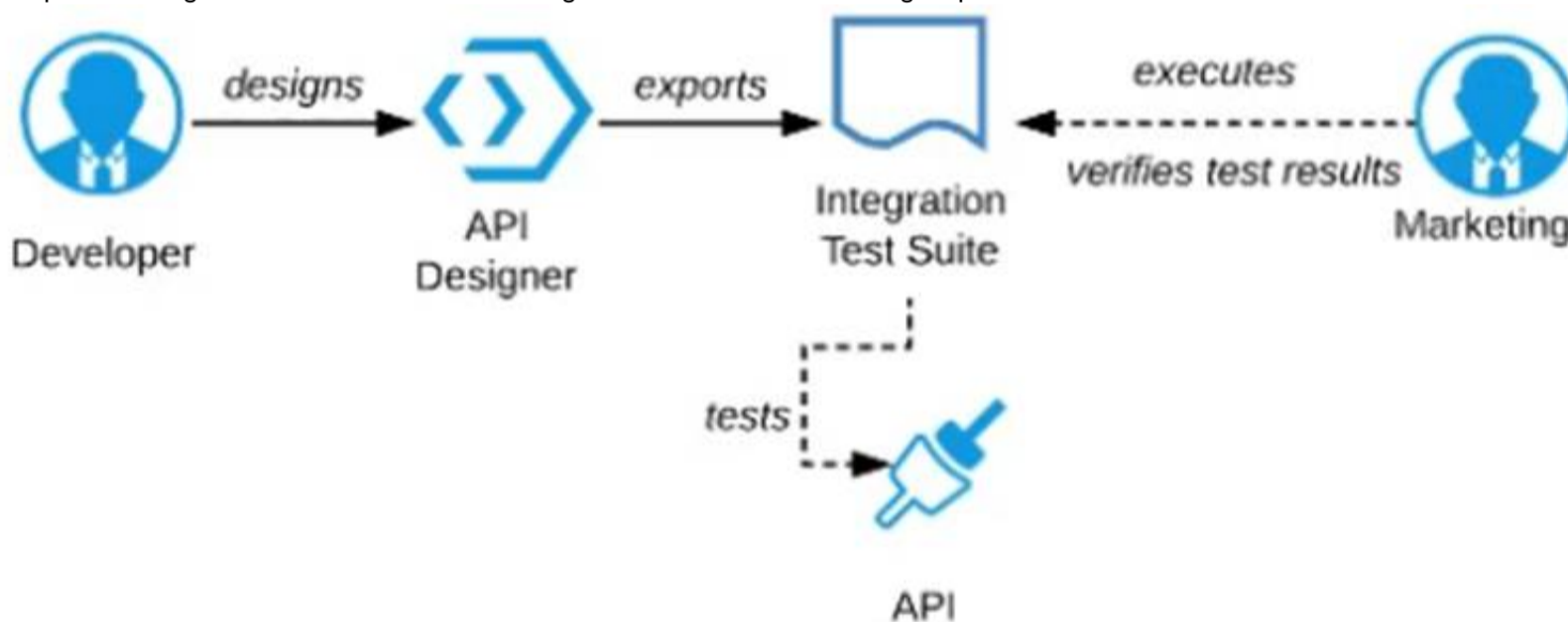
B) Organize a design workshop with the DBAs of the Marketing Department in which the database schema of the Marketing IT systems is translated into RAML



C) Use Anypoint Studio to Implement the API as a Mule application, then deploy that API implementation to CloudHub and ask the Marketing Department to interact with it



D) Export an integration test suite from API designer and have the Marketing Department execute the tests In that suite to ensure they pass



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

Answer: A

NEW QUESTION 99

Say, there is a legacy CRM system called CRM-Z which is offering below functions:

- * 1. Customer creation
- * 2. Amend details of an existing customer
- * 3. Retrieve details of a customer
- * 4. Suspend a customer

- A. Implement a system API named customerManagement which has all the functionalities wrapped in it as various operations/resources
- B. Implement different system APIs named createCustomer, amendCustomer, retrieveCustomer and suspendCustomer as they are modular and has separation of concerns
- C. Implement different system APIs named createCustomerInCRMZ, amendCustomerInCRMZ, retrieveCustomerFromCRMZ and suspendCustomerInCRMZ as they are modular and has separation of concerns

Answer: B

NEW QUESTION 102

A large company wants to implement IT infrastructure in its own data center, based on the corporate IT policy requirements that data and metadata reside locally.

Which combination of Mule control plane and Mule runtime plane(s) meets the requirements?

- A. Anypoint Platform Private Cloud Edition for the control plane and the MuleSoft-hosted runtime plane
- B. The MuleSoft-hosted control plane and Anypoint Runtime Fabric for the runtime plane
- C. The MuleSoft-hosted control plane and customer-hosted Mule runtimes for the runtime plane
- D. Anypoint Platform Private Cloud Edition for the control plane and customer-hosted Mule runtimes for the runtime plane

Answer: D

NEW QUESTION 106

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 109

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 110

An organization requires several APIs to be secured with OAuth 2.0, and PingFederate has been identified as the identity provider for API client authorization. The PingFederate Client Provider is configured in access management, and the PingFederate OAuth 2.0 Token Enforcement policy is configured for the API instances required by the organization. The API instances reside in two business groups (Group A and Group B) within the Master Organization (Master Org).

What should be done to allow API consumers to access the API instances?

- A. The API administrator should configure the correct client discovery URL in both child business groups, and the API consumer should request access to the API in Ping Identity
- B. The API administrator should grant access to the API consumers by creating contracts in the relevant API instances in API Manager
- C. The APL consumer should create a client application and request access to the APT in Anypoint Exchange, and the API administrator should approve the request
- D. The APT consumer should create a client application and request access to the API in Ping Identity, and the organization's Ping Identity workflow will grant access

Answer: C

NEW QUESTION 112

An organization has built an application network following the API-led connectivity approach recommended by MuleSoft. To protect the application network against attacks from malicious external API clients, the organization plans to apply JSON Threat Protection policies.

To which API-led connectivity layer should the JSON Threat Protection policies most commonly be applied?

- A. All layers
- B. System layer
- C. Process layer
- D. Experience layer

Answer: D

NEW QUESTION 115

What Anypoint Connectors support transactions?

- A. Database, JMS, VM
- B. Database, 3MS, HTTP
- C. Database, JMS, VM, SFTP
- D. Database, VM, File

Answer: A

NEW QUESTION 116

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 119

A REST API is being designed to implement a Mule application.

What standard interface definition language can be used to define REST APIs?

- A. Web Service Definition Language(WSDL)
- B. OpenAPI Specification (OAS)
- C. YAML
- D. AsyncAPI Specification

Answer: B

NEW QUESTION 122

A company requires Mule applications deployed to CloudHub to be isolated between non- production and production environments. This is so Mule applications deployed to non- production environments can only access backend systems running in their customer- hosted non-production environment, and so Mule applications deployed to production environments can only access backend systems running in their customer-hosted production environment. How does MuleSoft recommend modifying Mule applications, configuring environments, or changing infrastructure to support this type of per- environment isolation between Mule applications and backend systems?

- A. Modify properties of Mule applications deployed to the production Anypoint Platform environments to prevent access from non-production Mule applications
- B. Configure firewall rules in the infrastructure inside each customer-hosted environment so that only IP addresses from the corresponding Anypoint Platform environments are allowed to communicate with corresponding backend systems
- C. Create non-production and production environments in different Anypoint Platform business groups
- D. Create separate Anypoint VPCs for non-production and production environments, then configure connections to the backend systems in the corresponding customer-hosted environments

Answer: D

NEW QUESTION 123

A customer wants to host their MuleSoft applications in CloudHub 1.0, and these applications should be available at the domain <https://api.acmecorp.com>. After creating a dedicated load balancer (DLB) called acme-dib-prod, which further action must the customer take to complete the configuration?

- A. Configure the DLB with a TLS certificate for api.acmecorp.com and create an A record for api.acmecorp.com to the public IP addresses associated with their DLB
- B. Configure the DLB with a TLS certificate for api.acmecorp.com and create a CNAME record from api.acmecorp.com to acme-dib-prod.lb.anypointdns.net
- C. Configure the DLB with a TLS certificate for acme-dib-prod.lb.anypointdns.net and create a CNAME record from api.acmecorp.com to acme-dib-prod.lb.anypointdns.net

D. Configure the DLB with a TLS certificate for aplacmecorp.com and create a CNAME record from api.aomecorp.com to acme-dib-prod.ei.cloubhub.io

Answer: B

NEW QUESTION 127

An API implementation returns three X-RateLimit-* HTTP response headers to a requesting API client. What type of information do these response headers indicate to the API client?

- A. The error codes that result from throttling
- B. A correlation ID that should be sent in the next request
- C. The HTTP response size
- D. The remaining capacity allowed by the API implementation

Answer: D

NEW QUESTION 131

A client has several applications running on the Salesforce service cloud. The business requirement for integration is to get daily data changes from Account and Case Objects. Data needs to be moved to the client's private cloud AWS DynamoDB instance as a single JSON and the business foresees only wanting five attributes from the Account object, which has 219 attributes (some custom) and eight attributes from the Case Object. What design should be used to support the API/ Application data model?

- A. Create separate entities for Account and Case Objects by mimicking all the attributes in SAPI, which are combined by the PAPI and filtered to provide JSON output containing 13 attributes.
- B. Request client's AWS project team to replicate all the attributes and create Account and Case JSON table in DynamoD
- C. Then create separate entities for Account and Case Objects by mimicking all the attributes in SAPI to transfer JSON data to DynamoD for respective Objects
- D. Start implementing an Enterprise Data Model by defining enterprise Account and Case Objects and implement SAPI and DynamoDB tables based on the Enterprise Data Model,
- E. Create separate entities for Account with five attributes and Case with eight attributes in SAPI, which are combined by the PAPI to provide JSON output containing 13 attributes.

Answer: D

NEW QUESTION 132

An API implementation is being designed that must invoke an Order API, which is known to repeatedly experience downtime. For this reason, a fallback API is to be called when the Order API is unavailable. What approach to designing the invocation of the fallback API provides the best resilience?

- A. Search Anypoint Exchange for a suitable existing fallback API, and then implement invocations to this fallback API in addition to the Order API
- B. Create a separate entry for the Order API in API Manager, and then invoke this API as a fallback API if the primary Order API is unavailable
- C. Redirect client requests through an HTTP 307 Temporary Redirect status code to the fallback API whenever the Order API is unavailable
- D. Set an option in the HTTP Requester component that invokes the Order API to instead invoke a fallback API whenever an HTTP 4xx or 5xx response status code is returned from the Order API

Answer: A

NEW QUESTION 133

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