

MCIA-Level-1 Dumps

MuleSoft Certified Integration Architect - Level 1

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NEW QUESTION 1

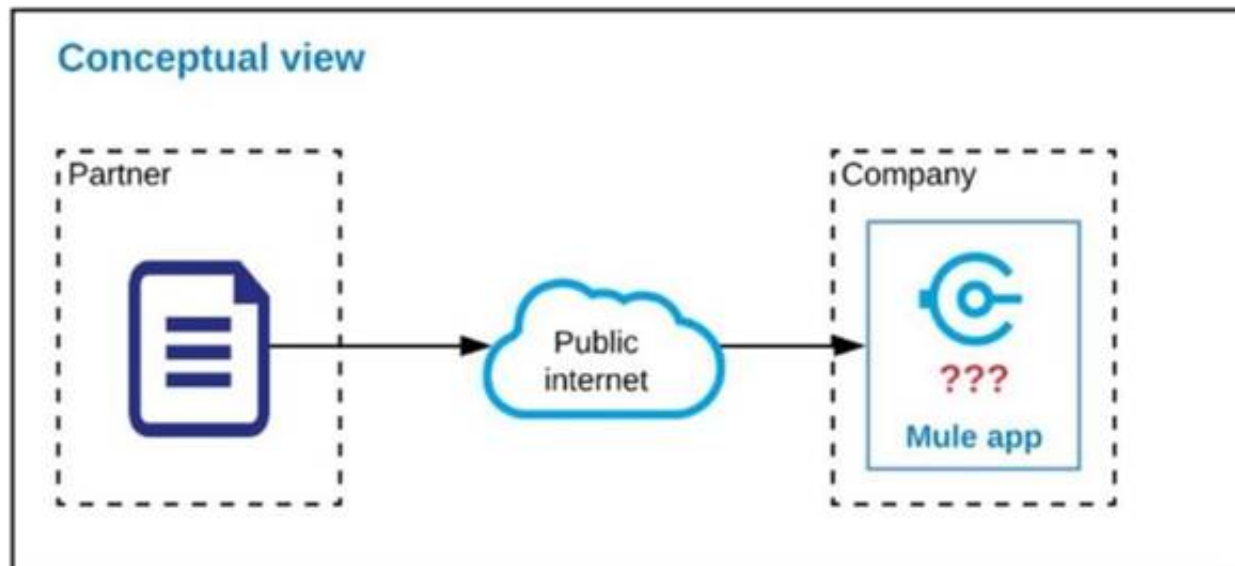
An API has been unit tested and is ready for integration testing. The API is governed by a Client ID Enforcement policy in all environments. What must the testing team do before they can start integration testing the API in the Staging environment?

- A. They must access the API portal and create an API notebook using the Client ID and Client Secret supplied by the API portal in the Staging environment
- B. They must request access to the API instance in the Staging environment and obtain a Client ID and Client Secret to be used for testing the API
- C. They must be assigned as an API version owner of the API in the Staging environment
- D. They must request access to the Staging environment and obtain the Client ID and Client Secret for that environment to be used for testing the API

Answer: B

NEW QUESTION 2

Refer to the exhibit.



An organization is designing a Mule application to receive data from one external business partner. The two companies currently have no shared IT infrastructure and do not want to establish one. Instead, all communication should be over the public internet (with no VPN).

What Anypoint Connector can be used in the organization's Mule application to securely receive data from this external business partner?

- A. File connector
- B. VM connector
- C. SFTP connector
- D. Object Store connector

Answer: C

NEW QUESTION 3

Anypoint Exchange is required to maintain the source code of some of the assets committed to it, such as Connectors, Templates, and API specifications. What is the best way to use an organization's source-code management (SCM) system in this context?

- A. Organizations should continue to use an SCM system of their choice, in addition to keeping source code for these asset types in Anypoint Exchange, thereby enabling parallel development, branching, and merging
- B. Organizations need to use Anypoint Exchange as the main SCM system to centralize versioning and avoid code duplication
- C. Organizations can continue to use an SCM system of their choice for branching and merging, as long as they follow the branching and merging strategy enforced by Anypoint Exchange
- D. Organizations need to point Anypoint Exchange to their SCM system so Anypoint Exchange can pull source code when requested by developers and provide it to Anypoint Studio

Answer: A

NEW QUESTION 4

What is a recommended practice when designing an integration Mule 4 application that reads a large XML payload as a stream?

- A. The payload should be dealt with as a repeatable XML stream, which must only be traversed (iterated-over) once and CANNOT be accessed randomly from DataWeave expressions and scripts
- B. The payload should be dealt with as an XML stream, without converting it to a single Java object (POJO)
- C. The payload size should NOT exceed the maximum available heap memory of the Mule runtime on which the Mule application executes
- D. The payload must be cached using a Cache scope if it is to be sent to multiple backend systems

Answer: B

NEW QUESTION 5

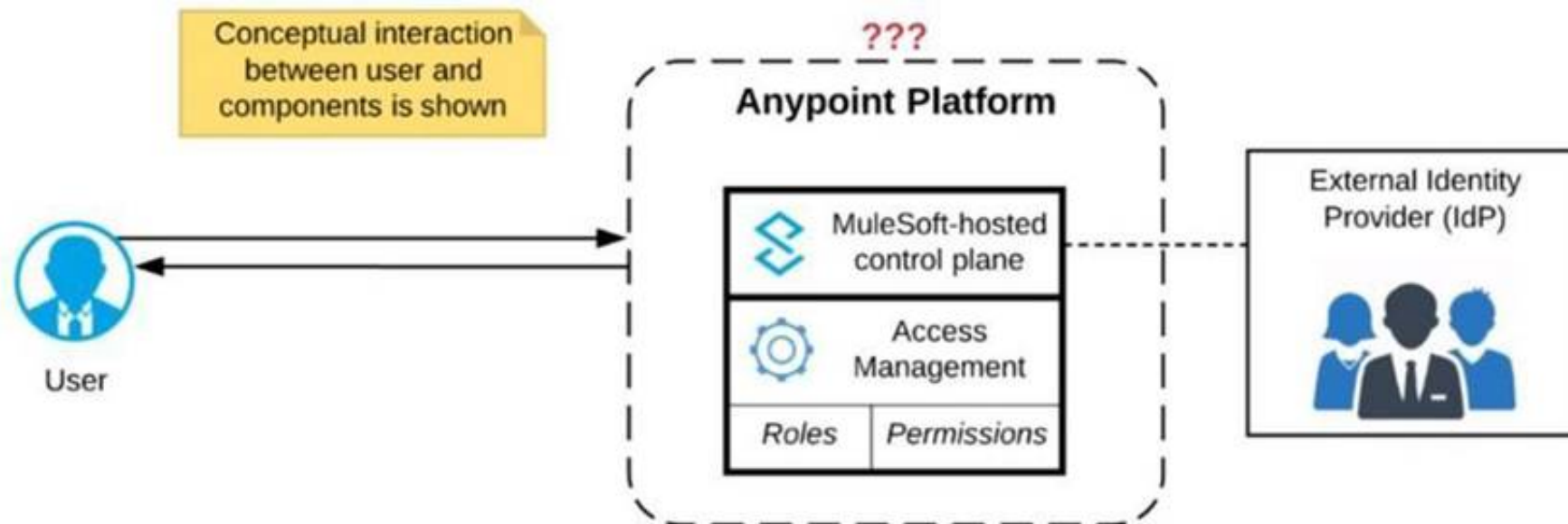
An organization's security policies mandate complete control of the login credentials used to log in to Anypoint Platform. What feature of Anypoint Platform should be used to meet this requirement?

- A. Enterprise Security Module
- B. Client ID Secret
- C. Federated Identity Management
- D. Federated Client Management

Answer: C

NEW QUESTION 6

Refer to the exhibit.



Anypoint Platform supports role-based access control (RBAC) to features of the platform. An organization has configured an external Identity Provider for identity management with Anypoint Platform.

What aspects of RBAC must ALWAYS be controlled from the Anypoint Platform control plane and CANNOT be controlled via the external Identity Provider?

- A. Controlling the business group within Anypoint Platform to which the user belongs
- B. Assigning Anypoint Platform permissions to a role
- C. Assigning Anypoint Platform role(s) to a user
- D. Removing a user's access to Anypoint Platform when they no longer work for the organization

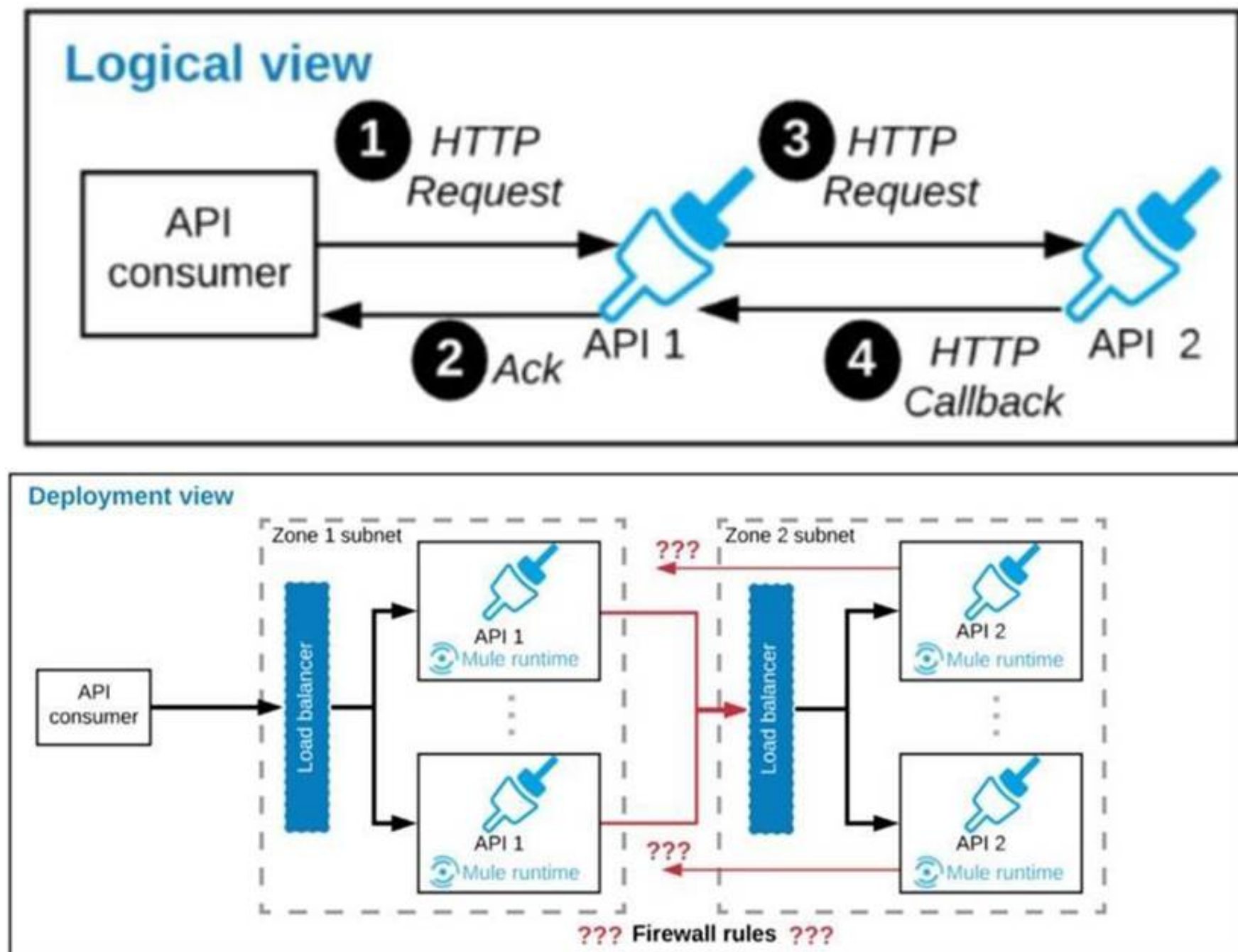
Answer: B

NEW QUESTION 7

Refer to the exhibit. A business process involves two APIs that interact with each other asynchronously over HTTP.

Each API is implemented as a Mule application. API 1 receives the initial HTTP request and invokes API 2 (in a fire and forget fashion) while API 2, upon completion of the processing, calls back into API 1 to notify about completion of the asynchronous process.

Each API is deployed to multiple redundant Mule runtimes and a separate load balancer, and is deployed to a separate network zone. In the network architecture, how must the firewall rules be configured to enable the above interaction between API 1 and API 2?



- A. To allow communication between the load balancers used by each API
- B. To authorize the certificates used by both the APIs
- C. To open direct two-way communication between the Mule runtimes of both APIs
- D. To enable communication from each API's Mule runtimes and network zone to the load balancer of the other API

Answer: C

NEW QUESTION 8

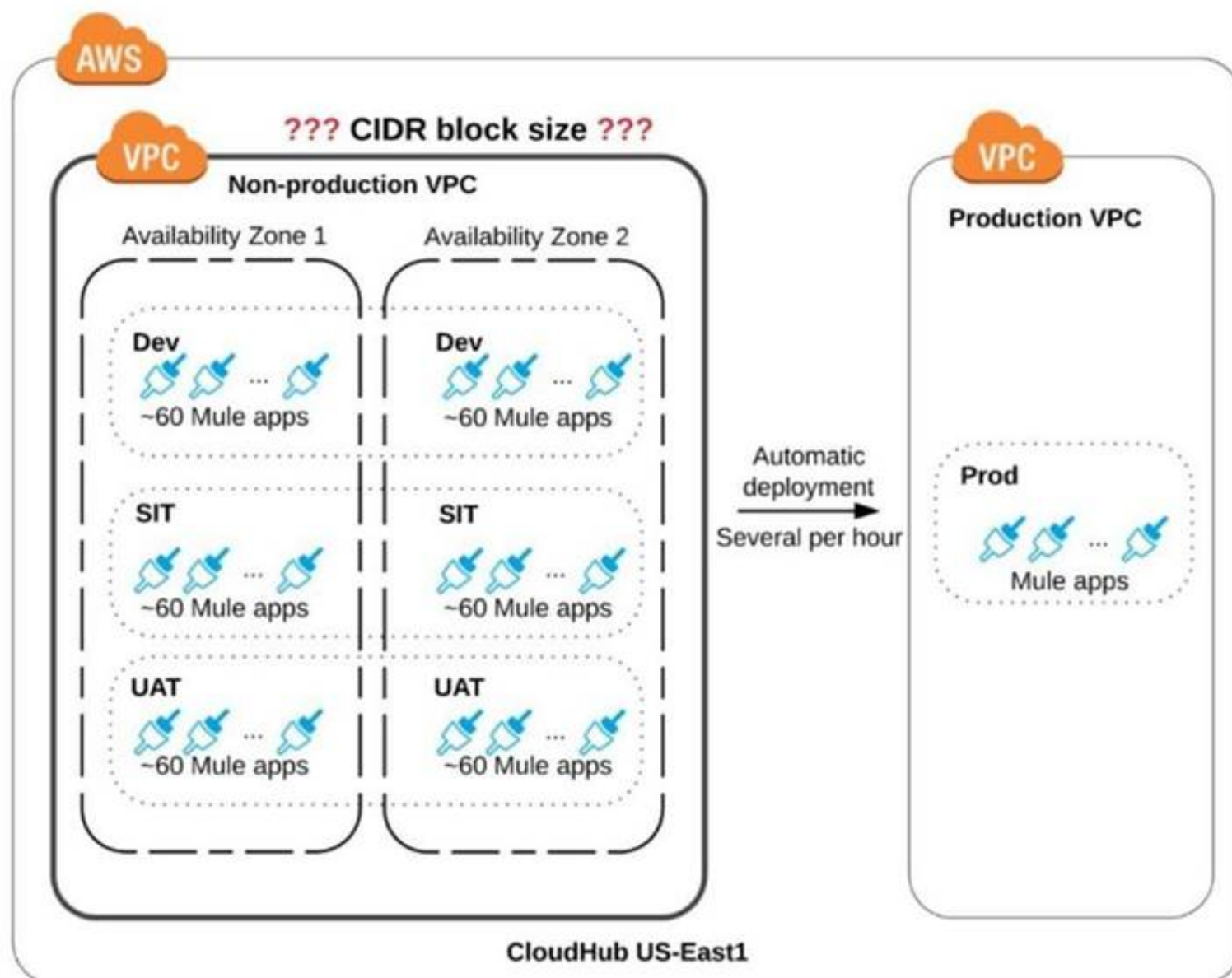
What Anypoint Connectors support transactions?

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

Answer: A

NEW QUESTION 9

Refer to the exhibit.



An organization is sizing an Anypoint VPC for the non-production deployments of those Mule applications that connect to the organization's on-premises systems. This applies to approx. 60 Mule applications. Each application is deployed to two CloudHub i workers. The organization currently has three non-production environments (DEV, SIT and UAT) that share this VPC. The AWS region of the VPC has two AZs.

The organization has a very mature DevOps approach which automatically progresses each application through all non-production environments before automatically deploying to production. This process results in several Mule application deployments per hour, using CloudHub's normal zero-downtime deployment feature.

What is a CIDR block for this VPC that results in the smallest usable private IP address range?

- A. 10.0.0.0/26 (64 IPS)
- B. 10.0.0.0/25 (128 IPs)
- C. 10.0.0.0/24 (256 IPs)
- D. 10.0.0.0/22 (1024 IPs)

Answer: D

NEW QUESTION 10

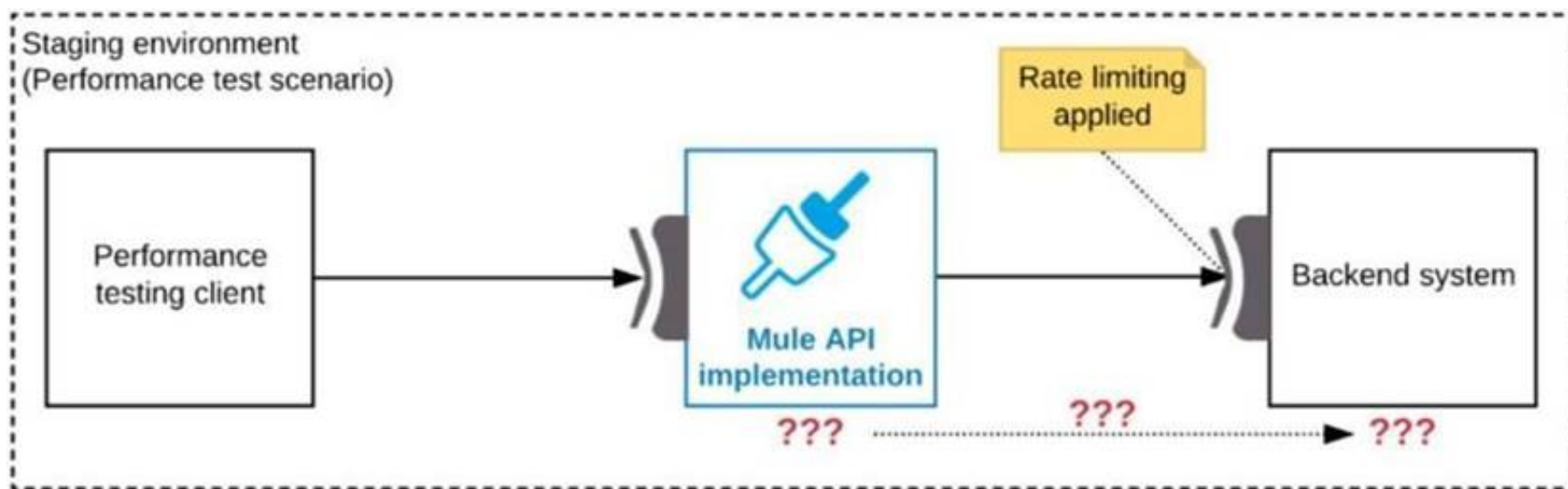
What aspects of a CI/CD pipeline for Mule applications can be automated using MuleSoft-provided Maven plugins?

- A. Import from API designer, compile, package, unit test, deploy, publish to Anypoint Exchange
- B. Compile, package, unit test, validate unit test coverage, deploy
- C. Compile, package, unit test, deploy, integration test
- D. Compile, package, unit test, deploy, create associated API instances in API Manager

Answer: C

NEW QUESTION 10

Refer to the exhibit.



One of the backend systems invoked by an API implementation enforces rate limits on the number of requests a particular client can make. Both the backend system and the API implementation are deployed to several non-production environments in addition to production.

Rate limiting of the backend system applies to all non-production environments. The production environment, however, does NOT have any rate limiting.

What is the most effective approach to conduct performance tests of the API implementation in a staging (non-production) environment?

- A. Use MUnit to simulate standard responses from the backend system Then conduct performance tests to identify other bottlenecks in the system
- B. Create a mocking service that replicates the backend system's production performance characteristics Then configure the API implementation to use the mocking service and conduct the performance tests
- C. Conduct scaled-down performance tests in the staging environment against the rate limited backend system Then upscale performance results to full production scale
- D. Include logic within the API implementation that bypasses invocations of the backend system in a performance test situation, instead invoking local stubs that replicate typical backend system responses Then conduct performance tests using this API implementation

Answer: C

NEW QUESTION 15

An Order microservice and a Fulfillment microservice are being designed to communicate with their clients through message-based integration (and NOT through API invocations).

The Order microservice publishes an Order message (a kind of command message) containing the details of an order to be fulfilled. The intention is that Order messages are only consumed by one Mule application, the Fulfillment microservice.

The Fulfillment microservice consumes Order messages, fulfills the order described therein, and then publishes an OrderFulfilled message (a kind of event message). Each OrderFulfilled message can be consumed by any interested Mule application, and the Order microservice is one such Mule application.

What is the most appropriate choice of message broker(s) and message destination(s) in this scenario?

- A. Order messages are sent to an Anypoint MQ exchange OrderFulfilled messages are sent to an Anypoint MQ queue Both microservices interact with Anypoint MQ as the message broker, which must therefore scale to support the load of both microservices
- B. Order messages are sent to a JMS queue OrderFulfilled messages are sent to a JMS topic Both microservices interact with the same JMS provider (message broker) instance, which must therefore scale to support the load of both microservices
- C. Order messages are sent directly to the Fulfillment microservices OrderFulfilled messages are sent directly to the Order microservice The Order microservice interacts with one AMQP-compatible message broker and the Fulfillment microservice interacts with a different AMQP-compatible message broker, so that both message brokers can be chosen and scaled to best support the load of each microservice
- D. Order messages are sent to a JMS queue OrderFulfilled messages are sent to a JMS topic The Order microservice interacts with one JMS provider (message broker) and the Fulfillment microservice interacts with a different JMS provider, so that both message brokers can be chosen and scaled to best support the load of each microservice

Answer: D

NEW QUESTION 17

An organization uses a set of customer-hosted Mule runtimes that are managed using the Mulesoft-hosted control plane.

What is a condition that can be alerted on from Anypoint Runtime Manager without any custom components or custom coding?

- A. When an SSL certificate used by one of the deployed Mule applications is about to expire
- B. When a Mule runtime on a given customer-hosted server is experiencing high memory consumption during certain periods
- C. When a Mule runtime's customer-hosted server is about to run out of disk space
- D. When the Mule runtime license installed on a Mule runtime is about to expire

Answer: A

NEW QUESTION 22

A Mule application currently writes to two separate SQL Server database instances across the internet using a single XA transaction. It is proposed to split this one transaction into two separate non-XA transactions with no other changes to the Mule application.

What non-functional requirement can be expected to be negatively affected when implementing this change?

- A. Throughput
- B. Availability
- C. Response time
- D. Consistency

Answer: D

NEW QUESTION 26

An organization is designing the following two Mule applications that must share data via a common persistent object store instance:

- Mule application P will be deployed within their on-premises datacenter.
- Mule application C will run on CloudHub in an Anypoint VPC.

The object store implementation used by CloudHub is the Anypoint Object Store v2 (OSv2).

What type of object store(s) should be used, and what design gives both Mule applications access to the same object store instance?

- A. Application C and P both use the Object Store connector to access the Anypoint Object Store v2
- B. Application C and P both use the Object Store connector to access a persistent object store
- C. Application C uses the Object Store connector to access a persistent objectApplication P accesses the persistent object store via the Object Store REST API
- D. Application P uses the Object Store connector to access a persistent object storeApplication C accesses this persistent object store via the Object Store REST API through an IPsec tunnel

Answer: A

NEW QUESTION 28

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