Salesforce

Exam Questions MuleSoft-Integration-Architect-I

Salesforce Certified MuleSoft Integration Architect 1 (SP24) Exam

NEW QUESTION 1
An organization plans to use the Anypoint Platform audit logging service to log Anypoint MQ actions.
What consideration must be kept in mind when leveraging Anypoint MQ Audit Logs?

A. Anypoint MQ Audit Logs include logs for sending, receiving, or browsing messages
B. Anypoint MQ Audit Logs include fogs for failed Anypoint MQ operations
C. Anypoint MQ Audit Logs include logs for queue create, delete, modify, and purge operations

Answer: C

NEW QUESTION 2
A retail company is implementing a MuleSoft API to get inventory details from two vendors by Invoking each vendor's online applications. Due to network issues, the invocations to the vendor applications are timing out intermittently, but the requests are successful after re-invoking each vendor application.
What is the most performant way of implementing the API to invoke each vendor application and to retry invocations that generate timeout errors?

A. Use a For-Each scope to invoke the two vendor applications in series, one after the other.Place the For-Each scope inside an Until-Successful scope to retry requests that raise timeout errors.
B. Use a Choice scope to Invoke each vendor application on a separate rout
C. Place the Choice scope inside an Until-Successful scope to retry requests that raise timeout errors.
D. Use a Scatter-Gather scope to invoke each vendor application on a separate rout
E. Use an Until-Successful scope in each route to retry requests that raise timeout errors.
F. Use a Round-Robin scope to invoke each vendor application on a separate rout
G. Use a Try-Catch scope in each route to retry requests that raise timeout errors.

Answer: C

NEW QUESTION 3
Insurance organization is planning to deploy Mule application in MuleSoft Hosted runtime plane. As a part of requirement , application should be scalable . highly available. It also has regulatory requirement which demands logs to be retained for at least 2 years. As an Integration Architect what step you will recommend in order to achieve this?

A. It is not possible to store logs for 2 years in CloudHub deploymen
B. External log management system is required.
C. When deploying an application to CloudHub , logs retention period should be selected as 2 years
D. When deploying an application to CloudHub, worker size should be sufficient to store 2 years data
E. Logging strategy should be configured accordingly in log4j file deployed with the application.

Answer: A

NEW QUESTION 4
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 5
When designing an upstream API and its implementation, the development team has been advised to not set timeouts when invoking downstream API. Because the downstream API has no SLA that can be relied upon. This is the only donwstream API dependency of that upstream API. Assume the downstream API runs uninterrupted without crashing. What is the impact of this advice?

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

Answer: B

NEW QUESTION 6
Which Anypoint Platform component helps integration developers discovers and share reusable APIs, connectors, and templates?

A. Anypoint Exchange
B. API Manager
C. Anypoint Studio
D. Design Center

Answer: A

NEW QUESTION 7
A high-volume eCommerce retailer receives thousands of orders per hour and requires notification of its order management, warehouse, and billing system for

subsequent processing within 15 minutes of order submission through its website.
Which integration technology, when used for its typical and intended purpose, meets the retailer??s requirements for this use case?

A. Managed File Transfer (MFT)
B. Publish/Subscriber Messaging Bus (Pub/Sub)
C. Enterprise Data Warehouse (EDW)
D. Extract Transform Load (ETL)

Answer: B

NEW QUESTION 8
A Mule application is running on a customer-hosted Mule runtime in an organization's network. The Mule application acts as a producer of asynchronous Mule events. Each Mule event must be broadcast to all interested external consumers outside the Mule application. The Mule events should be published in a way that is guaranteed in normal situations and also minimizes duplicate delivery in less frequent failure scenarios.
The organizational firewall is configured to only allow outbound traffic on ports 80 and 443. Some external event consumers are within the organizational network, while others are located outside the firewall.
What Anypoint Platform service is most idiomatic (used for its intended purpose) for publishing these Mule events to all external consumers while addressing the desired reliability goals?

A. CloudHub VM queues
B. Anypoint MQ
C. Anypoint Exchange
D. CloudHub Shared Load Balancer

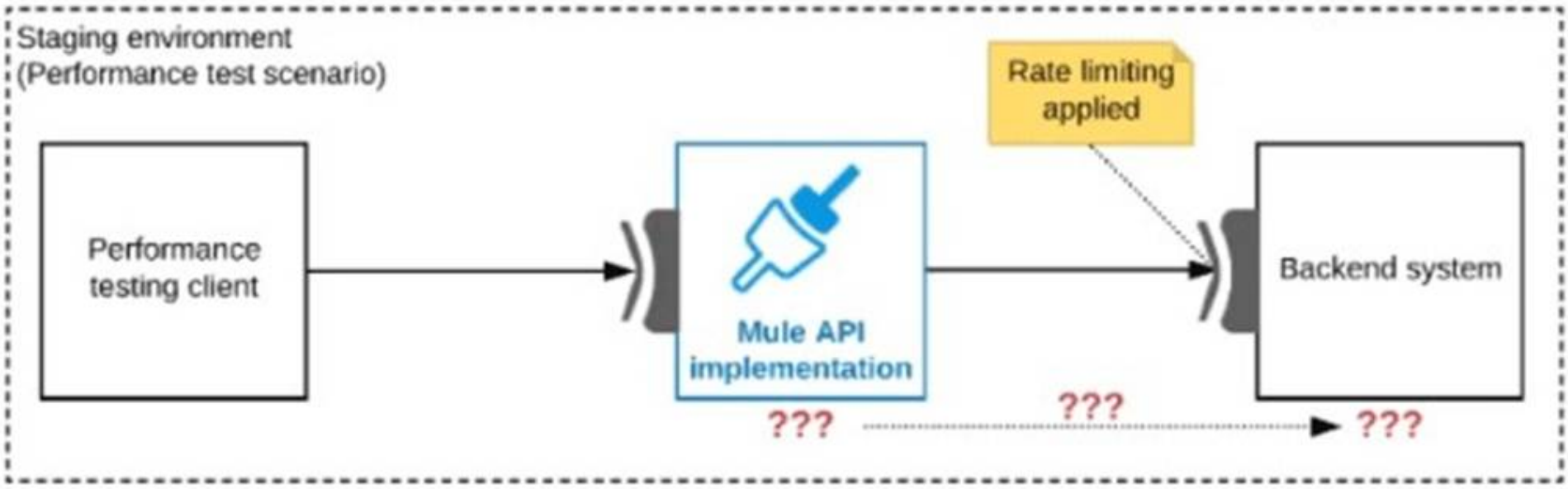
Answer: B

NEW QUESTION 9
A developer needs to discover which API specifications have been created within the organization before starting a new project.
Which Anypoint Platform component can the developer use to find and try out the currently released API specifications?

A. Anypoint Exchange
B. Runtime Manager
C. API Manager
D. Object Store

Answer: A

NEW QUESTION 10
Refer to the exhibit.

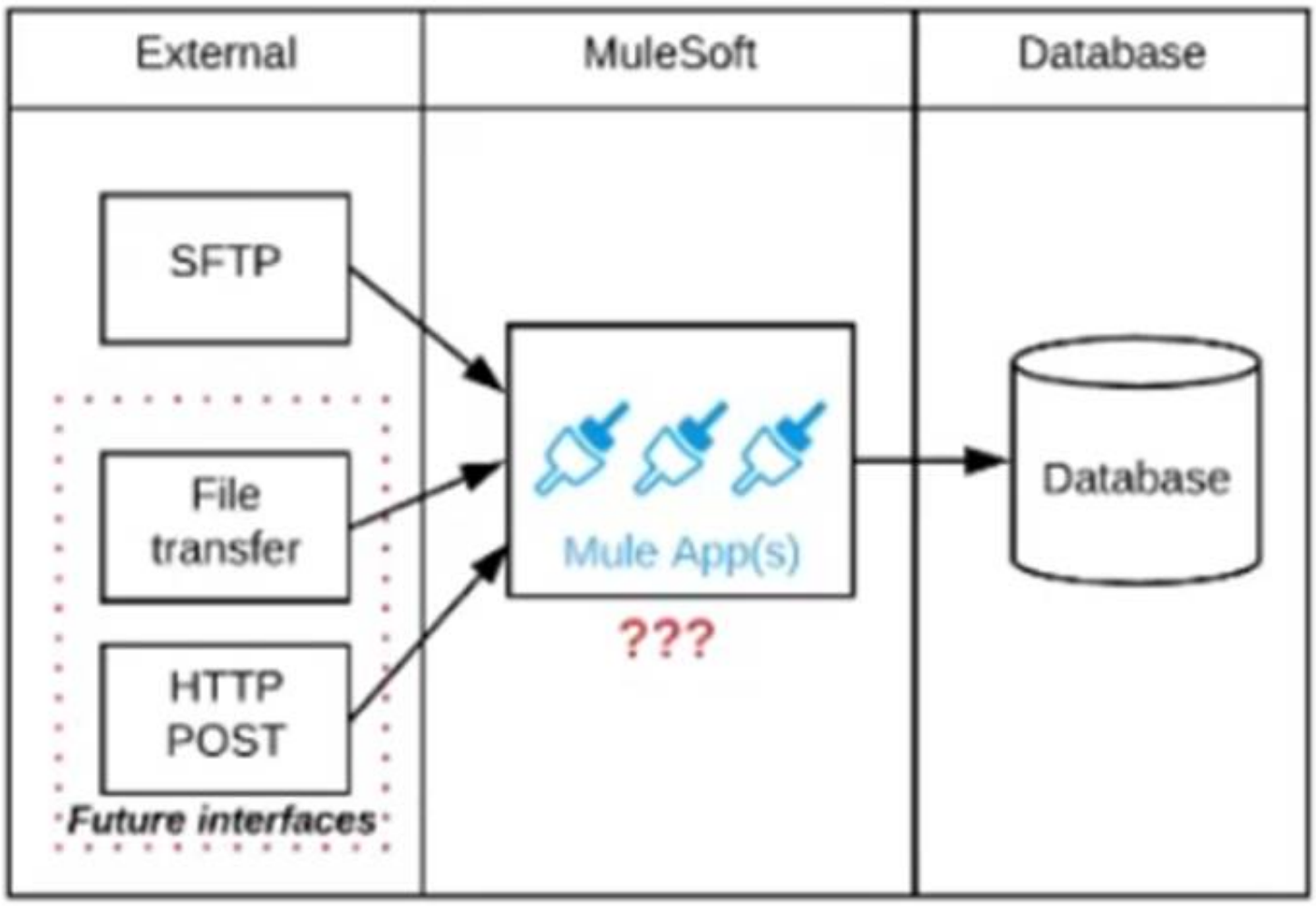


One of the backend systems invoked by an API implementation enforces rate limits on the
number of requests a particular client can make. Both the backend system and the API implementation are deployed to several non-production environments in addition to production.
Rate limiting of the backend system 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. Create a mocking service that replicates the backend system's production performance characteristic
B. Then configure the API implementation to use the mocking service and conduct the performance tests
C. Use MUnit to simulate standard responses from the backend system then conduct performance tests to identify other bottlenecks in the system
D. Include logic within the API implementation that bypasses invocations of the backend system in a performance test situatio
E. Instead invoking local stubs that replicate typical backend system responses then conduct performance tests using this API Implementation
F. Conduct scaled-down performance tests in the staging environment against the rate limited backend system then upscale performance results to full production scale

Answer: A

NEW QUESTION 10
Refer to the exhibit.



A business process involves the receipt of a file from an external vendor over SFTP. The file needs to be parsed and its content processed, validated, and ultimately persisted to a database. The delivery mechanism is expected to change in the future as more vendors send similar files using other mechanisms such as file transfer or HTTP POST.
What is the most effective way to design for these requirements in order to minimize the impact of future change?

A. Use a MuleSoft Scatter-Gather and a MuleSoft Batch Job to handle the different files coming from different sources
B. Create a Process API to receive the file and process it using a MuleSoft Batch Job while delegating the data save process to a System API
C. Create an API that receives the file and invokes a Process API with the data contained In the file, then have the Process API process the data using a MuleSoft Batch Job and other System APIs as needed
D. Use a composite data source so files can be retrieved from various sources and delivered to a MuleSoft Batch Job for processing

Answer: C

NEW QUESTION 13
When using Anypoint Platform across various lines of business with their own Anypoint Platform business groups, what configuration of Anypoint Platform is always performed at the organization level as opposed to at the business group level?

A. Environment setup
B. Identity management setup
C. Role and permission setup
D. Dedicated Load Balancer setup

Answer: B

NEW QUESTION 15
Mule application muleA deployed in cloudhub uses Object Store v2 to share data across instances. As a part of new requirement , application muleB which is deployed in same region wants to access this Object Store.
Which of the following option you would suggest which will have minimum latency in this scenario?

A. Object Store REST API
B. Object Store connector
C. Both of the above option will have same latency
D. Object Store of one mule application cannot be accessed by other mule application.

Answer: A

NEW QUESTION 17
An external API frequently invokes an Employees System API to fetch employee data from a MySQL database. The architect must design a caching strategy to query the database only when there Is an update to the Employees table or else return a cached response in order to minimize the number of redundant transactions being handled by the database.

A. Use an On Table Row operation configured with the Employees table, call invalidate cache, and hardcode the new Employees data to cach
B. Use an object-store-caching- strategy and set the expiration interval to 1 hour.
C. Use an On Table Row operation configured with the Employees table and cail invalidate cach
D. Use an object-store-caching-strategy and the default expiration interval.
E. Use a Scheduler with a fixed frequency set to every hour to trigger an invalidate cache flo
F. Use an object-store-caching-strategy and the default expiration interval.
G. Use a Scheduler with a fixed frequency set to every hour, triggering an invalidate cache flo
H. Use an object-store-caching-strategy and set the expiration interval to 1 hour.

Answer: B

NEW QUESTION 18
A platform architect includes both an API gateway and a service mesh in the architect of a distributed application for communication management.
Which type of communication management does a service mesh typically perform in this architecture?

A. Between application services and the firewall
B. Between the application and external API clients
C. Between services within the application
D. Between the application and external API implementations.

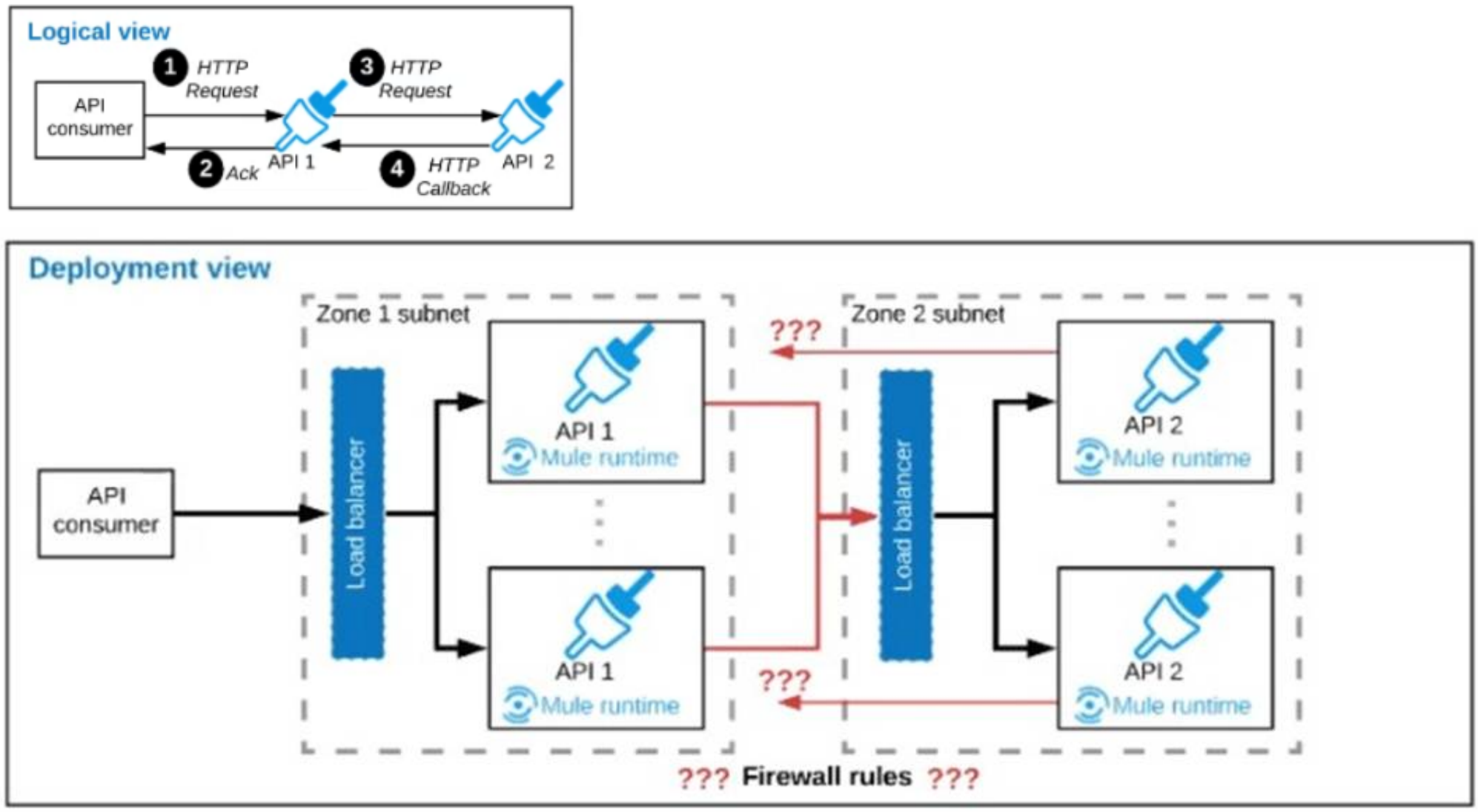
Answer: C

NEW QUESTION 21
An insurance company is implementing a MuleSoft API to get inventory details from the two vendors. Due to network issues, the invocations to vendor applications are getting timed- out intermittently. But the transactions are successful upon reprocessing
What is the most performant way of implementing this requirement?

A. Implement a scatter-gather scope to invoke the two vendor applications on two different routeUse the Until-Successful scope to implement the retry mechanism for timeout errors on each route
B. Implement a Choice scope to invoke the two vendor applications on two different route Use the try-catch scope to implement the retry mechanism for timeout errors on each route
C. Implement a For-Each scope to invoke the two vendor applicationsUse until successful scope to implement the retry mechanism for the timeout errors
D. Implement Round-Robin scope to invoke the two vendor applications on two differentroutesUse the Try-Catch scope to implement retry mechanism for timeout errors on each route

Answer: A

NEW QUESTION 25
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 l 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 authorize the certificate to be used both APIs
B. To enable communication from each API??s Mule Runtimes and Network zone to the load balancer of the other API
C. To open direct two-way communication between the Mule Runtimes of both API??s
D. To allow communication between load balancers used by each API

Answer: B

NEW QUESTION 26
An organization plans to migrate all its Mule applications to Runtime Fabric (RTF). Currently, all Mule applications have been deployed to CloudHub using automated CI/CD scripts.

What steps should be taken to properly migrate the applications from CloudHub to RTF, while keeping the same automated CI/CD deployment strategy?

A. A runtimefabric dependency should be added as a mule-plugin to the pom.xml file in all the Mule applications.
B. runtimeFabric command-line parameter should be added to the CI/CD deployment scripts.
C. A runtimefFabricDeployment profile should be added to Mule configuration properties YAML files in all the Mule applications.CI/CD scripts must be modified to use the new configuration properties.
D. runtimefabricDeployment profile should be added to the pom.xml file in all the Mule application
E. CI/CD scripts must be modified to use the new RTF profile.
F. - The pom.xml and Mule configuration YAML files can remain unchanged in each Mule application.A --runtimeFabric command-line parameter should be added to the CI/CD deployment scripts

Answer: D

NEW QUESTION 29
Which productivity advantage does Anypoint Platform have to both implement and manage an AP?

A. Automatic API proxy generation
B. Automatic API specification generation
C. Automatic API semantic versioning
D. Automatic API governance

Answer: A

NEW QUESTION 33
What are two reasons why a typical MuleSoft customer favors a MuleSoft-hosted Anypoint Platform runtime plane over a customer-hosted runtime for its Mule application deployments? (Choose two.)

A. Reduced application latency
B. Increased application isolation
C. Reduced time-to-market for the first application
D. Increased application throughput
E. Reduced IT operations effort

Answer: CE

NEW QUESTION 36
A Mule application is deployed to a cluster of two(2) cusomter-hosted Mule runtimes. Currently the node name Alice is the primary node and node named bob is the secondary node. The mule application has a flow that polls a directory on a file system for new files.
The primary node Alice fails for an hour and then restarted.
After the Alice node completely restarts, from what node are the files polled, and what node is now the primary node for the cluster?

A. Files are polled from Alice node Alice is now the primary node
B. Files are polled form Bob node Alice is now the primary node
C. Files are polled from Alice node Bob is the now the primary node
D. Files are polled form Bob node Bob is now the primary node

Answer: D

NEW QUESTION 38
A new Mule application has been deployed through Runtime Manager to CloudHub 1.0 using a CI/CD pipeline with sensitive properties set as cleartext. The Runtime Manager Administrator opened a high priority incident ticket about this violation of their security requirements indicating these sensitive properties values must not be stored or visible in Runtime Manager but should be changeable in Runtime Manager by Administrators with proper permissions.
How can the Mule application be deployed while safely hiding the sensitive properties?

A. Add an ArrayList of all the sensitive properties?? names in the mule-artifact.json file of the application
B. Add encrypted versions of the sensitive properties as global configuration properties in the Mule application
C. Add a new wrapper.java.additional.xx parameter for each sensitive property in the wrapper.conf file used by the CI/CD pipeline scripts
D. Create a variable for each sensitive property and declare them as hidden in the CI/CD pipeline scripts

Answer: B

NEW QUESTION 43
An organization is designing an integration solution to replicate financial transaction data from a legacy system into a data warehouse (DWH).
The DWH must contain a daily snapshot of financial transactions, to be delivered as a CSV file. Daily transaction volume exceeds tens of millions of records, with significant spikes in volume during popular shopping periods.
What is the most appropriate integration style for an integration solution that meets the organization's current requirements?

A. Event-driven architecture
B. Microservice architecture
C. API-led connectivity
D. Batch-triggered ETL

Answer: D

NEW QUESTION 48
An integration Mule application is deployed to a customer-hosted multi-node Mule 4 runtime duster. The Mule application uses a Listener operation of a JMS connector to receive incoming messages from a JMS queue.

How are the messages consumed by the Mule application?

A. Depending on the JMS provider's configuration, either all messages are consumed by ONLY the primary cluster node or else ALL messages are consumed by ALL cluster nodes
B. Regardless of the Listener operation configuration, all messages are consumed by ALL cluster nodes
C. Depending on the Listener operation configuration, either all messages are consumed by ONLY the primary cluster node or else EACH message is consumed by ANY ONE cluster node
D. Regardless of the Listener operation configuration, all messages are consumed by ONLY the primary cluster node

Answer: C

NEW QUESTION 52
Cloud Hub is an example of which cloud computing service model?

A. Platform as a Service (PaaS)
B. Software as a Service (SaaS)
C. Monitoring as a Service (MaaS)
D. Infrastructure as a Service (IaaS)

Answer: A

NEW QUESTION 54
A team would like to create a project skeleton that developers can use as a starting point when creating API Implementations with Anypoint Studio. This skeleton should help drive consistent use of best practices within the team.
What type of Anypoint Exchange artifact(s) should be added to Anypoint Exchange to publish the project skeleton?

A. A custom asset with the default API implementation
B. A RAML archetype and reusable trait definitions to be reused across API implementations
C. An example of an API implementation following best practices
D. a Mule application template with the key components and minimal integration logic

Answer: D

NEW QUESTION 56
An XA transaction Is being configured that involves a JMS connector listening for Incoming JMS messages. What is the meaning of the timeout attribute of the XA transaction, and what happens after the timeout expires?

A. The time that is allowed to pass between committing the transaction and the completion of the Mule flow After the timeout, flow processing triggers an error
B. The time that Is allowed to pass between receiving JMS messages on the same JMS connection After the timeout, a new JMS connection Is established
C. The time that Is allowed to pass without the transaction being ended explicitly After the timeout, the transaction Is forcefully rolled-back
D. The time that Is allowed to pass for state JMS consumer threads to be destroyed After the timeout, a new JMS consumer thread is created

Answer: C

NEW QUESTION 57
The company's FTPS server login username and password

A. TLS context trust store containing a public certificate for the compan
B. The company's PGP public key that was used to sign the files
C. The partner's PGP public key used by the company to login to the FTPS serve
D. A TLS context key store containing the private key for the companyThe partner's PGP private key that was used to sign the files
E. The company's FTPS server login username and passwor
F. A TLS context trust store containing a public certificate for ftps.partner.comThe partner's PGP public key that was used to sign the files
G. The partner's PGP public key used by the company to login to the FTPS serve
H. A TLS context key store containing the private key for ftps.partner.comThe company's PGP private key that was used to sign the files

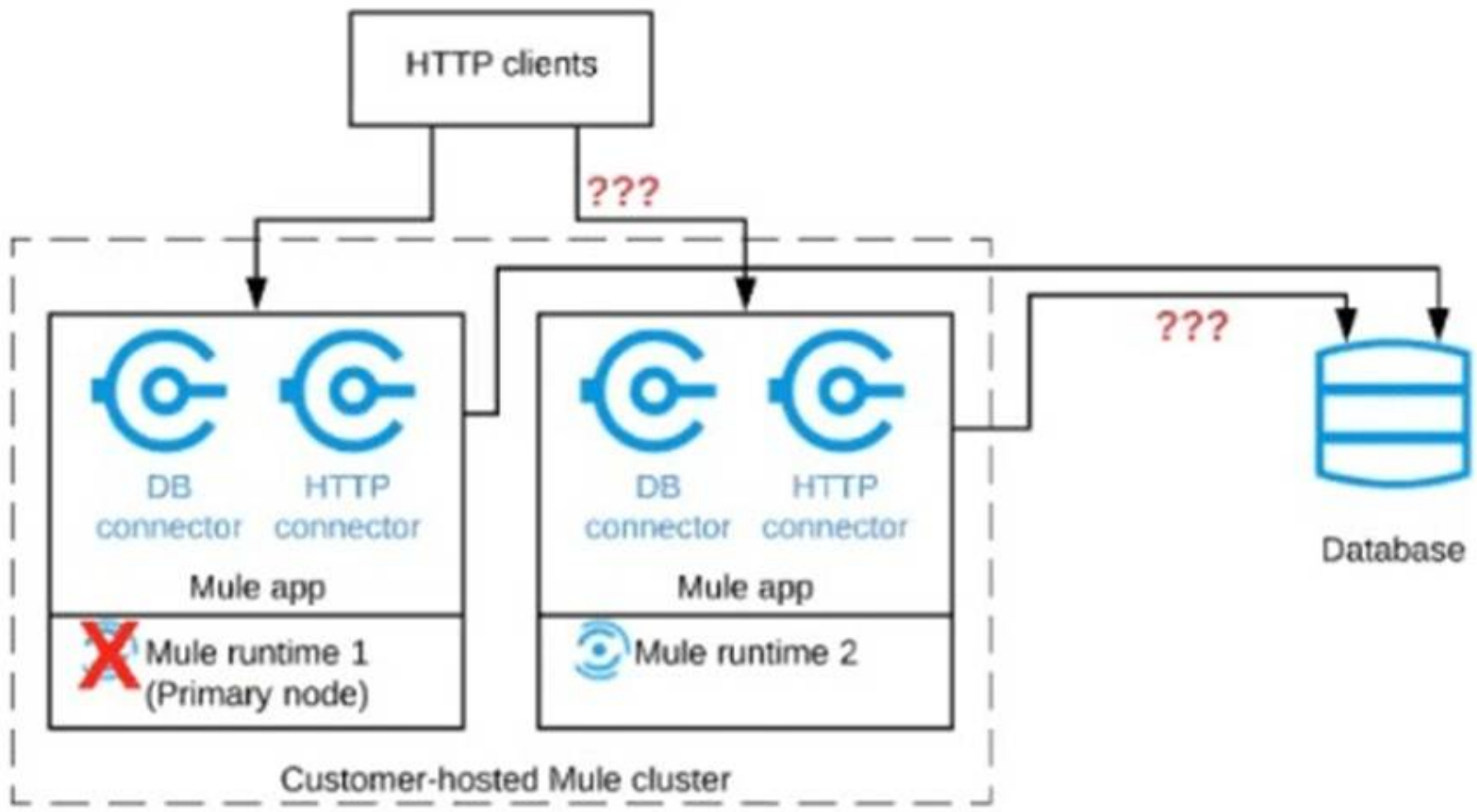
Answer: C

NEW QUESTION 60
An organization has an HTTPS-enabled Mule application named Orders API that receives requests from another Mule application named Process Orders.
The communication between these two Mule applications must be secured by TLS mutual authentication (two-way TLS).
At a minimum, what must be stored in each truststore and keystore of these two Mule applications to properly support two-way TLS between the two Mule applications while properly protecting each Mule application's keys?

A. Orders API truststore: The Orders API public keyProcess Orders keystore: The Process Orders private key and public key
B. Orders API truststore: The Orders API private key and public key Process Orders keystore: The Process Orders private key public key
C. Orders API truststore: The Process Orders public keyOrders API keystore: The Orders API private key and public key Process Orders truststore: The Orders API public keyProcess Orders keystore: The Process Orders private key and public key
D. Orders API truststore: The Process Orders public key Orders API keystore: The Orders API private key Process Orders truststore: The Orders API public keyProcess Orders keystore: The Process Orders private key

Answer: C

NEW QUESTION 61
Refer to the exhibit.



A Mule application is deployed to a cluster of two customer-hosted Mute runtimes. The Mute application has a flow that polls a database and another flow with an HTTP Listener.
HTTP clients send HTTP requests directly to individual cluster nodes.
What happens to database polling and HTTP request handling in the time after the primary (master) node of the cluster has railed, but before that node is restarted?

A. Database polling continues Only HTTP requests sent to the remaining node continue to be accepted
B. Database polling stops All HTTP requests continue to be accepted
C. Database polling continues All HTTP requests continue to be accepted, but requests to the failed node Incur increased latency
D. Database polling stops All HTTP requests are rejected

Answer: A

NEW QUESTION 66
A mule application is required to periodically process large data set from a back-end database to Salesforce CRM using batch job scope configured properly process the higher rate of records.
The application is deployed to two cloudhub workers with no persistence queues enabled. What is the consequence if the worker crashes during records processing?

A. Remaining records will be processed by a new replacement worker
B. Remaining records be processed by second worker
C. Remaining records will be left and processed
D. All the records will be processed from scratch by the second worker leading to duplicate processing

Answer: D

NEW QUESTION 69
How should the developer update the logging configuration in order to enable this package specific debugging?

A. In Anypoint Monitoring, define a logging search query with class property set to org.apache.cxf and level set to DEBUG
B. In the Mule application's log4j2.xml file, add an AsyncLogger element with name property set to org.apache.cxf and level set to DEBUG, then redeploy the Mule application in the CloudHub production environment
C. In the Mule application's log4j2.xmI file, change the root logger's level property to DEBUG, then redeploy the Mule application to the CloudHub production environment
D. In Anypoint Runtime Manager, in the Deployed Application Properties tab for the Mule application, add a line item with DEBUG level for package org.apache.cxf and apply the changes

Answer: A

NEW QUESTION 73
What is an advantage of using OAuth 2.0 client credentials and access tokens over only API keys for API authentication?

A. If the access token is compromised, the client credentials do not to be reissued.
B. If the access token is compromised, I can be exchanged for an API key.
C. If the client ID is compromised, it can be exchanged for an API key
D. If the client secret is compromised, the client credentials do not have to be reissued.

Answer: A

NEW QUESTION 74
An integration team follows MuleSoft??s recommended approach to full lifecycle API development.

Which activity should this team perform during the API implementation phase?

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

Answer: B

NEW QUESTION 76
An organization??s IT team must secure all of the internal APIs within an integration solution by using an API proxy to apply required authentication and authorization policies.
Which integration technology, when used for its intended purpose, should the team choose to meet these requirements if all other relevant factors are equal?

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

Answer: A

NEW QUESTION 80
A Mule application is being designed to do the following:
Step 1: Read a SalesOrder message from a JMS queue, where each SalesOrder consists of a header and a list of SalesOrderLineItems.
Step 2: Insert the SalesOrder header and each SalesOrderLineItem into different tables in an RDBMS.
Step 3: Insert the SalesOrder header and the sum of the prices of all its SalesOrderLineItems into a table In a different RDBMS.
No SalesOrder message can be lost and the consistency of all SalesOrder-related information in both RDBMSs must be ensured at all times.
What design choice (including choice of transactions) and order of steps addresses these requirements?

A. 1) Read the JMS message (NOT in an XA transaction)2) Perform BOTH DB inserts in ONE DB transaction3) Acknowledge the JMS message
B. 1) Read the JMS message (NOT in an XA transaction)2) Perform EACH DB insert in a SEPARATE DB transaction3) Acknowledge the JMS message
C. 1) Read the JMS message in an XA transaction2) In the SAME XA transaction, perform BOTH DB inserts but do NOT acknowledge the JMS message
D. 1) Read and acknowledge the JMS message (NOT in an XA transaction)2) In a NEW XA transaction, perform BOTH DB inserts

Answer: A

NEW QUESTION 83
An organization has chosen Mulesoft for their integration and API platform.
According to the Mulesoft catalyst framework, what would an integration architect do to create achievement goals as part of their business outcomes?

A. Measure the impact of the centre for enablement
B. build and publish foundational assets
C. agree upon KPI's and help develop and overall success plan
D. evangelize API's

Answer: C

NEW QUESTION 86
An integration team uses Anypoint Platform and follows MuleSoft's recommended approach to full lifecycle API development.
Which step should the team's API designer take before the API developers implement the AP! Specification?

A. Generate test cases using MUnit so the API developers can observe the results of running the API
B. Use the scaffolding capability of Anypoint Studio to create an API portal based on the API specification
C. Publish the API specification to Exchange and solicit feedback from the API's consumers
D. Use API Manager to version the API specification

Answer: C

NEW QUESTION 89
An organization's IT team follows an API-led connectivity approach and must use Anypoint Platform to implement a System AP\ that securely accesses customer data. The organization uses Salesforce as the system of record for all customer data, and its most important objective is to reduce the overall development time to release the System API.
The team's integration architect has identified four different approaches to access the customer data from within the implementation of the System API by using different Anypoint Connectors that all meet the technical requirements of the project.

A. Use the Anypoint Connector for Database to connect to a MySQL database to access a copy of the customer data
B. Use the Anypoint Connector for HTTP to connect to the Salesforce APIs to directly access the customer data
C. Use the Anypoint Connector for Salesforce to connect to the Salesforce APIs to directly access the customer data
D. Use the Anypoint Connector tor FTP to download a file containing a recent near-real time extract of the customer data

Answer: C

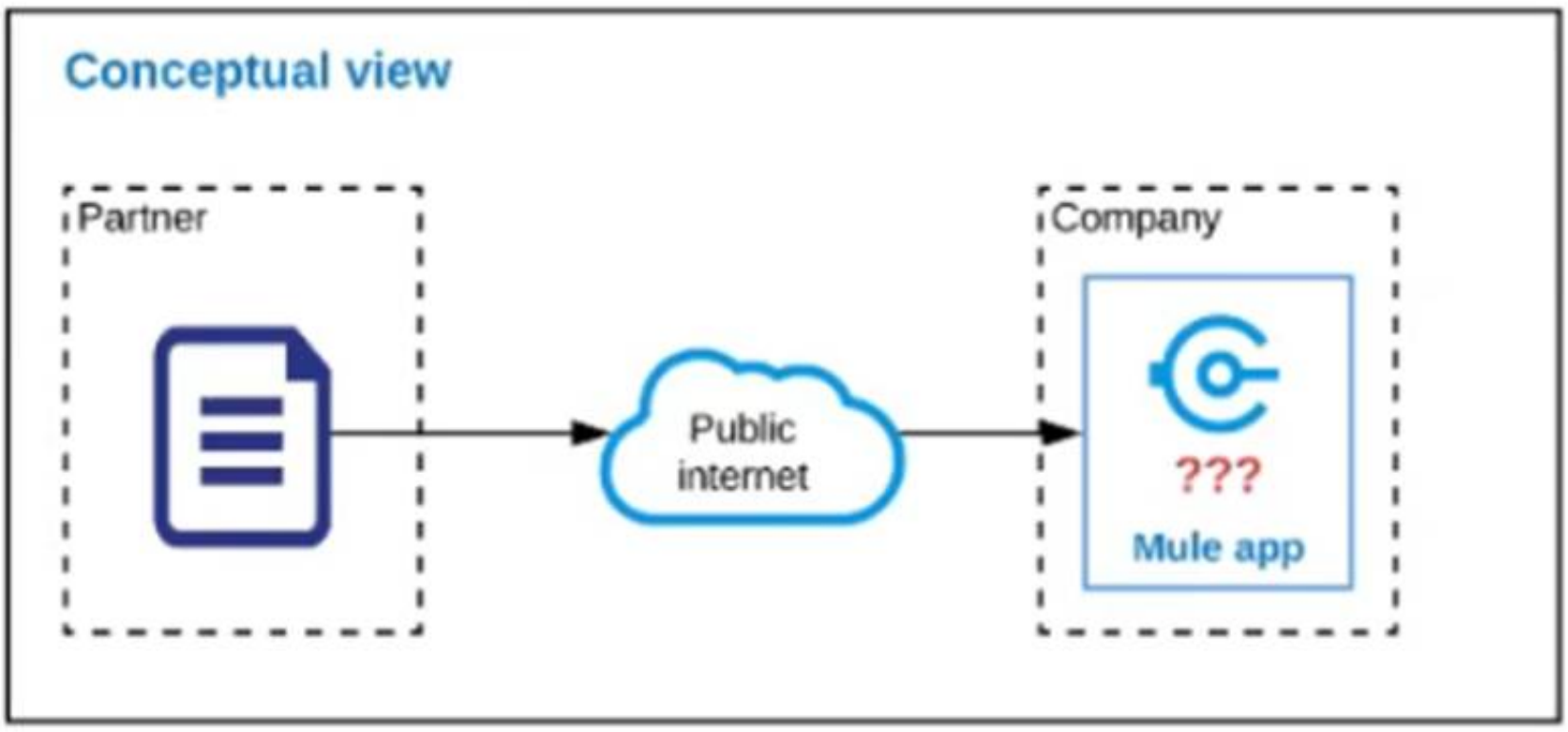
NEW QUESTION 92
A leading bank implementing new mule API.
The purpose of API to fetch the customer account balances from the backend application and display them on the online platform the online banking platform. The online banking platform will send an array of accounts to Mule API get the account balances.
As a part of the processing the Mule API needs to insert the data into the database for auditing purposes and this process should not have any performance

related implications on the account balance retrieval flow
How should this requirement be implemented to achieve better throughput?

A. Implement the Async scope fetch the data from the backend application and to insert records in the Audit database
B. Implement a for each scope to fetch the data from the back-end application and to insert records into the Audit database
C. Implement a try-catch scope to fetch the data from the back-end application and use the Async scope to insert records into the Audit database
D. Implement parallel for each scope to fetch the data from the backend application and use Async scope to insert the records into the Audit database

Answer: C

NEW QUESTION 96
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 97
What operation can be performed through a JMX agent enabled in a Mule application?

A. View object store entries
B. Replay an unsuccessful message
C. Set a particular tog4J2 log level to TRACE
D. Deploy a Mule application

Answer: A

NEW QUESTION 98
A team has completed the build and test activities for a Mule application that implements a System API for its application network.
Which Anypoint Platform component should the team now use to both deploy and monitor the System AP\ implementation?

A. API Manager
B. Design Center
C. Anypoint Exchange
D. Runtime Manager

Answer: D

NEW QUESTION 102
What aspects of a CI/CD pipeline for Mute applications can be automated using MuleSoft- provided Maven plugins?

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

Answer: C

NEW QUESTION 103
A project team is working on an API implementation using the RAML definition as a starting point. The team has updated the definition to include new operations and has published a new version to exchange. Meanwhile another team is working on a mule application consuming the same API implementation.
During the development what has to be performed by the mule application team to take advantage of the newly added operations?

A. Scaffold the client application with the new definition
B. Scaffold API implementation application with the new definition
C. Update the REST connector from exchange in the client application
D. Update the API connector in the API implementation and publish to exchange

Answer: C

NEW QUESTION 106
What aspect of logging is only possible for Mule applications deployed to customer-hosted Mule runtimes, but NOT for Mule applications deployed to CloudHub?

A. To send Mule application log entries to Splunk
B. To change tog4j2 tog levels in Anypoint Runtime Manager without having to restart the Mule application
C. To log certain messages to a custom log category
D. To directly reference one shared and customized log4j2.xml file from multiple Mule applications

Answer: D

NEW QUESTION 107
A stock trading company handles millions of trades a day and requires excellent performance and reliability within its stock trading system. The company operates a number of event-driven APIs Implemented as Mule applications that are hosted on various customer-hosted Mule clusters and needs to enable message exchanges between the APIs within their internal network using shared message queues.
What is an effective way to meet the cross-cluster messaging requirements of its event- driven APIs?

A. Non-transactional JMS operations with a reliability pattern and manual acknowledgements
B. Persistent VM queues with automatic acknowledgements
C. JMS transactions with automatic acknowledgements
D. extended Architecture (XA) transactions and XA connected components with manual acknowledgements

Answer: C

NEW QUESTION 110
What is a core pillar of the MuleSoft Catalyst delivery approach?

A. Business outcomes
B. Technology centralization
C. Process thinking
D. Scope reduction

Answer: A

NEW QUESTION 111
An insurance company is using a CIoudHub runtime plane. As a part of requirement, email alert should be sent to internal operations team every time of policy applied to an API instance is deleted As an integration architect suggest on how this requirement be met?

A. Use audit logs in Anypoint platform to detect a policy deletion and configure the Audit logs alert feature to send an email to the operations team
B. Use Anypoint monitoring to configure an alert that sends an email to the operations team every time a policy is deleted in API manager
C. Create a custom connector to be triggered every time of policy is deleted in API manager
D. Implement a new application that uses the Audit log REST API todetect the policy deletion and send an email to operations team the SMTP connector

Answer: D

NEW QUESTION 115
A project team uses RAML specifications to document API functional requirements and deliver API definitions. As per the current legal requirement, all designed API definitions to be augmented with an additional non-functional requirement to protect the services from a high rate of requests according to define service level agreements.
Assuming that the project is following Mulesoft API governance and policies, how should the project team convey the necessary non-functional requirement to stakeholders?

A. Create proxies in API manager for the non functional requirement and publish to exchange
B. Add all non functional requirements as comments to RAML specification and publish to exchange
C. Create various SLA's in API manager for the non functional requirement and publish to exchange
D. Update API definitions with the fragment for the appropriate policy and publish to exchange

Answer: D

NEW QUESTION 118
In preparation for a digital transformation initiative, an organization is reviewing related IT integration projects that failed for various for reason.
According to MuleSoft??s surveys of global IT leaders, what is a common cause of IT project failure that this organization may likely discover in its assessment?

A. Following an Agile delivery methodology
B. Reliance on an Integration-Platform-as-a-Service (iPaaS)
C. Spending too much time on enablement

D. Lack of alignment around business outcomes

Answer: D

NEW QUESTION 122
A payment processing company has implemented a Payment Processing API Mule application to process credit card and debit card transactions, Because the Payment Processing API handles highly sensitive information, the payment processing company requires that data must be encrypted both In-transit and at-rest. To meet these security requirements, consumers of the Payment Processing API must create request message payloads in a JSON format specified by the API, and the message payload values must be encrypted.
How can the Payment Processing API validate requests received from API consumers?

A. A Transport Layer Security (TLS) - Inbound policy can be applied in API Manager to decrypt the message payload and the Mule application implementation can then use the JSON Validation module to validate the JSON data
B. The Mule application implementation can use the APIkit module to decrypt and then validate the JSON data
C. The Mule application implementation can use the Validation module to decrypt and then validate the JSON data
D. The Mule application implementation can use DataWeave to decrypt the message payload and then use the JSON Scheme Validation module to validate the JSON data

Answer: A

NEW QUESTION 126
To implement predictive maintenance on its machinery equipment, ACME Tractors has installed thousands of IoT sensors that will send data for each machinery asset as sequences of JMS messages, in near real-time, to a JMS queue named SENSOR_DATA on a JMS server. The Mule application contains a JMS Listener operation configured to receive incoming messages from the JMS servers SENSOR_DATA JMS queue. The Mule application persists each received JMS message, then sends a transformed version of the corresponding Mule event to the machinery equipment back-end systems.
The Mule application will be deployed to a multi-node, customer-hosted Mule runtime cluster. Under normal conditions, each JMS message should be processed exactly once.
How should the JMS Listener be configured to maximize performance and concurrent message processing of the JMS queue?

A. Set numberOfConsumers = 1 Set primaryNodeOnly = false
B. Set numberOfConsumers = 1 Set primaryNodeOnly = true
C. Set numberOfConsumers to a value greater than one Set primaryNodeOnly = true
D. Set numberOfConsumers to a value greater than one Set primaryNodeOnly = false

Answer: D

NEW QUESTION 128
When a Mule application using VM queues is deployed to a customer-hosted cluster or multiple CloudHub v1.0 workers/replicas, how are messages consumed across the nodes?

A. Sequentially, from a dedicated Anypoint MQ queue
B. Sequentially, only from the primary node
C. In a non-deterministic way
D. Round-robin, within an XA transaction

Answer: C

NEW QUESTION 132
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 133
Which key DevOps practice and associated Anypoint Platform component should a MuteSoft integration team adopt to improve delivery quality?

A. A Continuous design with API Designer
B. Automated testing with MUnit
C. Passive monitoring with Anypoint Monitoring
D. Manual testing with Anypoint Studio

Answer: B

NEW QUESTION 138
A project uses Jenkins to implement CI/CD process. It was observed that each Mule package contains some of the Jenkins files and folders for configurations of CI/CD jobs.
As these files and folders are not part of the actual package, expectation is that these should not be part of deployed archive.
Which file can be used to exclude these files and folders from the deployed archive?

A. muleignore
B. _unTrackMule
C. muleInclude
D. _muleExclude

Answer: A

NEW QUESTION 140
During a planning session with the executive leadership, the development team director presents plans for a new API to expose the data in the company??s order database. An earlier effort to build an API on top of this data failed, so the director is recommending a design-first approach.
Which characteristics of a design-first approach will help make this API successful?

A. Building MUnit tests so administrators can confirm code coverage percentage during deployment
B. Publishing the fully implemented API to Exchange so all developers can reuse the API
C. Adding global policies to the API so all developers automatically secure the implementation before coding anything
D. Developing a specification so consumers can test before the implementation is built

Answer: D

NEW QUESTION 142
The ABC company has an Anypoint Runtime Fabric on VMs/Bare Metal (RTF-VM) appliance installed on its own customer-hosted AWS infrastructure.
Mule applications are deployed to this RTF-VM appliance. As part of the company standards, the Mule application logs must be forwarded to an external log management tool (LMT).
Given the company's current setup and requirements, what is the most idiomatic (used for its intended purpose) way to send Mule application logs to the external LMT?

A. In RTF-VM, install and configure the external LTM's log-forwarding agent
B. In RTF-VM, edit the pod configuration to automatically install and configure an Anypoint Monitoring agent
C. In each Mule application, configure custom Log4j settings
D. In RTF-V
E. configure the out-of-the-box external log forwarder

Answer: A

NEW QUESTION 147
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: C

NEW QUESTION 151
According to the National Institute of Standards and Technology (NIST), which cloud computing deployment model describes a composition of two or more distinct clouds that support data and application portability?

A. Private cloud
B. Hybrid cloud 4
C. Public cloud
D. Community cloud

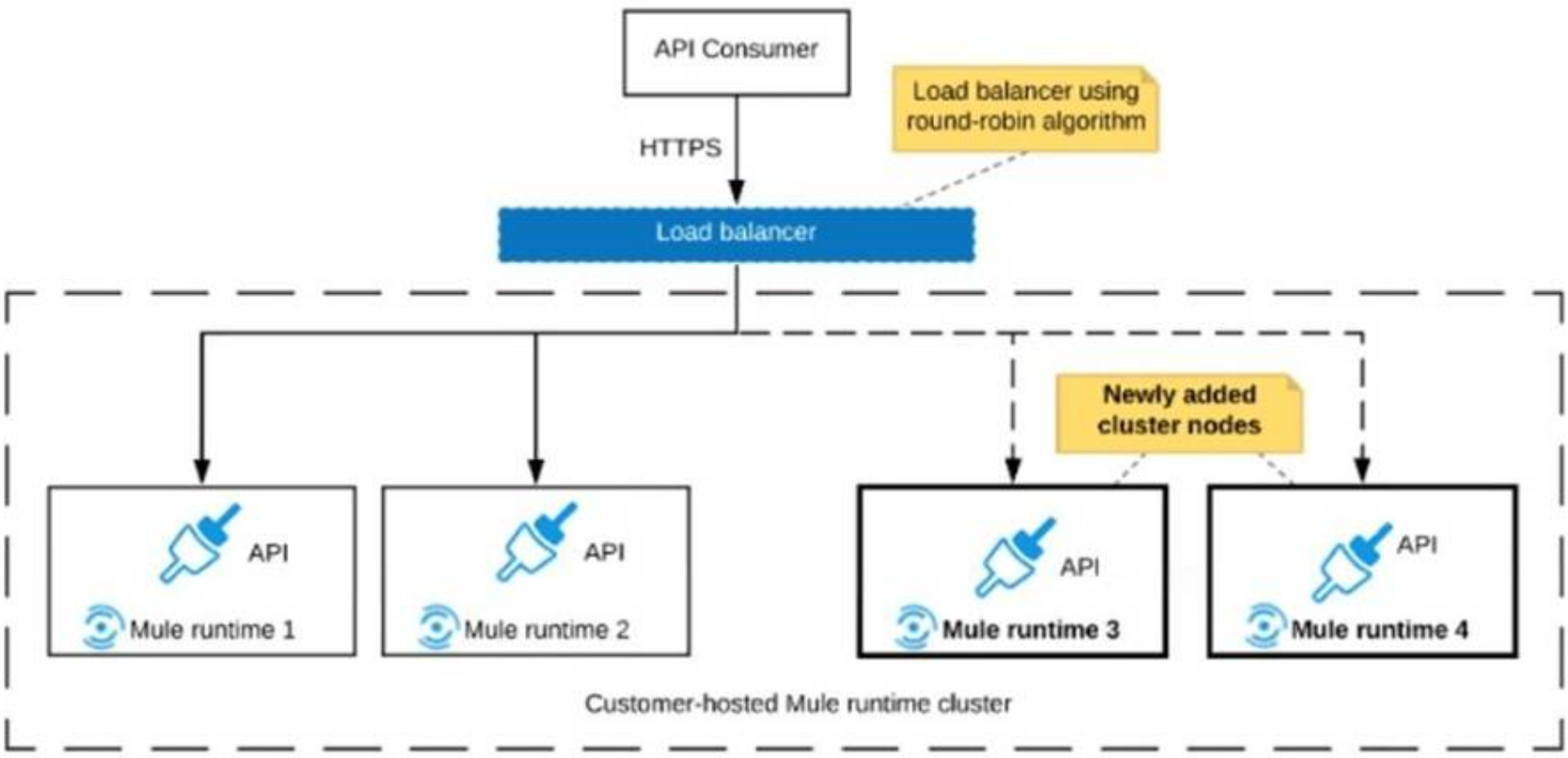
Answer: B

NEW QUESTION 155
Which Salesforce API is invoked to deploy, retrieve, create, update, or delete customization information, such as custom object definitions using Mule Salesforce Connectors in a Mule application?

A. sObject Platform Action API
B. User Interface API
C. Metadata API
D. Process Rules API

Answer: C

NEW QUESTION 160
Refer to the exhibit.



An organization uses a 2-node Mute runtime cluster to host one stateless API implementation. The API is accessed over HTTPS through a load balancer that uses round-robin for load distribution.
Two additional nodes have been added to the cluster and the load balancer has been configured to recognize the new nodes with no other change to the load balancer.
What average performance change is guaranteed to happen, assuming all cluster nodes are fully operational?

A. 50% reduction in the response time of the API
B. 100% increase in the throughput of the API
C. 50% reduction In the JVM heap memory consumed by each node
D. 50% reduction In the number of requests being received by each node

Answer: D

NEW QUESTION 164
In one of the critical payment related mule application, transaction is being used . As an enhancement to implementation , scatter gather route is introduced which is also the part of transaction group. Scatter gather route has 4 routes.
What will be the behavior of the Mule application in case of error occurs in 4th route of the scatter-gather router and transaction needs to be rolled back?

A. Only errored route will be rolled back
B. All routes will be rolled back
C. Scatter Gather router cannot be part of transaction

Answer: B

NEW QUESTION 168
The AnyAirline organization's passenger reservations center is designing an integration solution that combines invocations of three different System APIs (bookFlight, bookHotel, and bookCar) in a business transaction. Each System API makes calls to a single database.
The entire business transaction must be rolled back when at least one of the APIs fails. What is the most idiomatic (used for its intended purpose) way to integrate these APIs in
near real-time that provides the best balance of consistency, performance, and reliability?

A. Implement eXtended Architecture (XA) transactions between the API implementations Coordinate between the API implementations using a Saga patternImplement caching in each API implementation to improve performance
B. Implement local transactions within each API implementationConfigure each API implementation to also participate in the same eXtended Architecture (XA) transactionImplement caching in each API implementation to improve performance
C. Implement local transactions in each API implementation Coordinate between the API implementations using a Saga patternApply various compensating actions depending on where a failure occurs
D. Implement an eXtended Architecture (XA) transaction manager in a Mule application using a Saga patternConnect each API implementation with the Mule application using XA transactionsApply various compensating actions depending on where a failure occurs

Answer: C

NEW QUESTION 172
An integration Mute application is being designed to process orders by submitting them to a backend system for offline processing. Each order will be received by the Mute application through an HTTPS POST and must be acknowledged immediately. Once acknowledged, the order will be submitted to a backend system. Orders that cannot be successfully
submitted due to rejections from the backend system will need to be processed manually (outside the backend system).
The Mule application will be deployed to a customer-hosted runtime and is able to use an existing ActiveMQ broker if needed.
The backend system has a track record of unreliability both due to minor network connectivity issues and longer outages.
What idiomatic (used for their intended purposes) combination of Mule application components and ActiveMQ queues are required to ensure automatic submission of orders to the backend system, while minimizing manual order processing?

A. An On Error scope Non-persistent VM ActiveMQ Dead Letter Queue for manual processing
B. An On Error scope MuleSoft Object Store ActiveMQ Dead Letter Queue for manual processing

C. Until Successful component MuleSoft Object Store ActiveMQ is NOT needed or used
D. Until Successful component ActiveMQ long retry Queue ActiveMQ Dead Letter Queue for manual processing

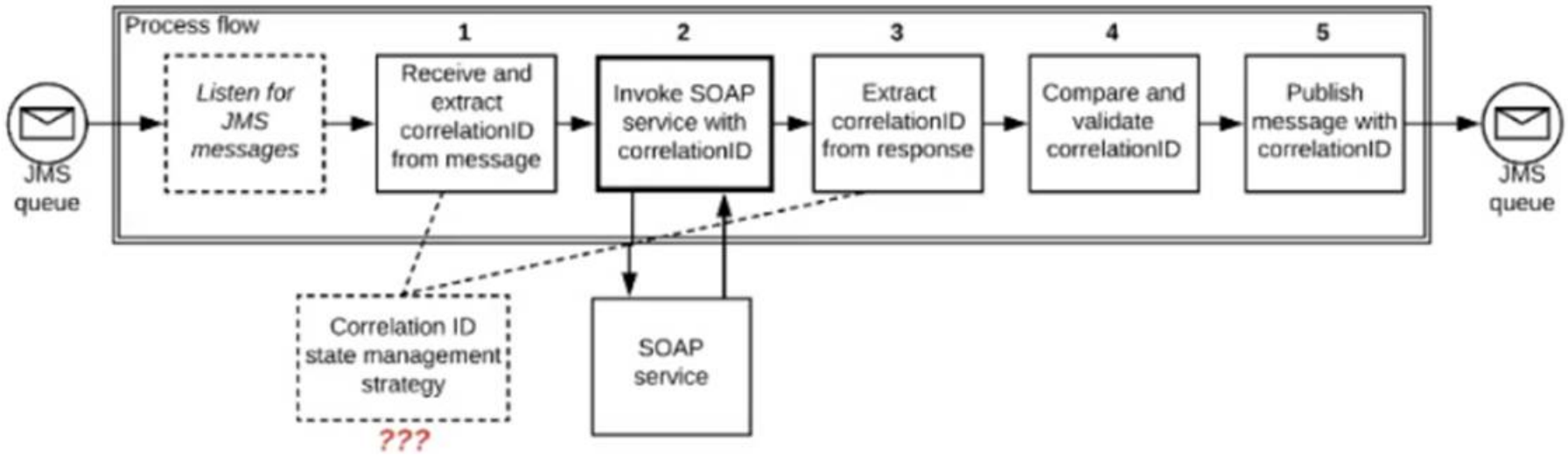
Answer: D

NEW QUESTION 174
An organization is evaluating using the CloudHub shared Load Balancer (SLB) vs creating a CloudHub dedicated load balancer (DLB). They are evaluating how this choice affects the various types of certificates used by CloudHub deplpoyed Mule applications, including MuleSoft-provided, customer-provided, or Mule application-provided certificates.
What type of restrictions exist on the types of certificates that can be exposed by the CloudHub Shared Load Balancer (SLB) to external web clients over the public internet?

A. Only MuleSoft-provided certificates are exposed.
B. Only customer-provided wildcard certificates are exposed.
C. Only customer-provided self-signed certificates are exposed.
D. Only underlying Mule application certificates are exposed (pass-through)

Answer: A

NEW QUESTION 175
Refer to the exhibit.

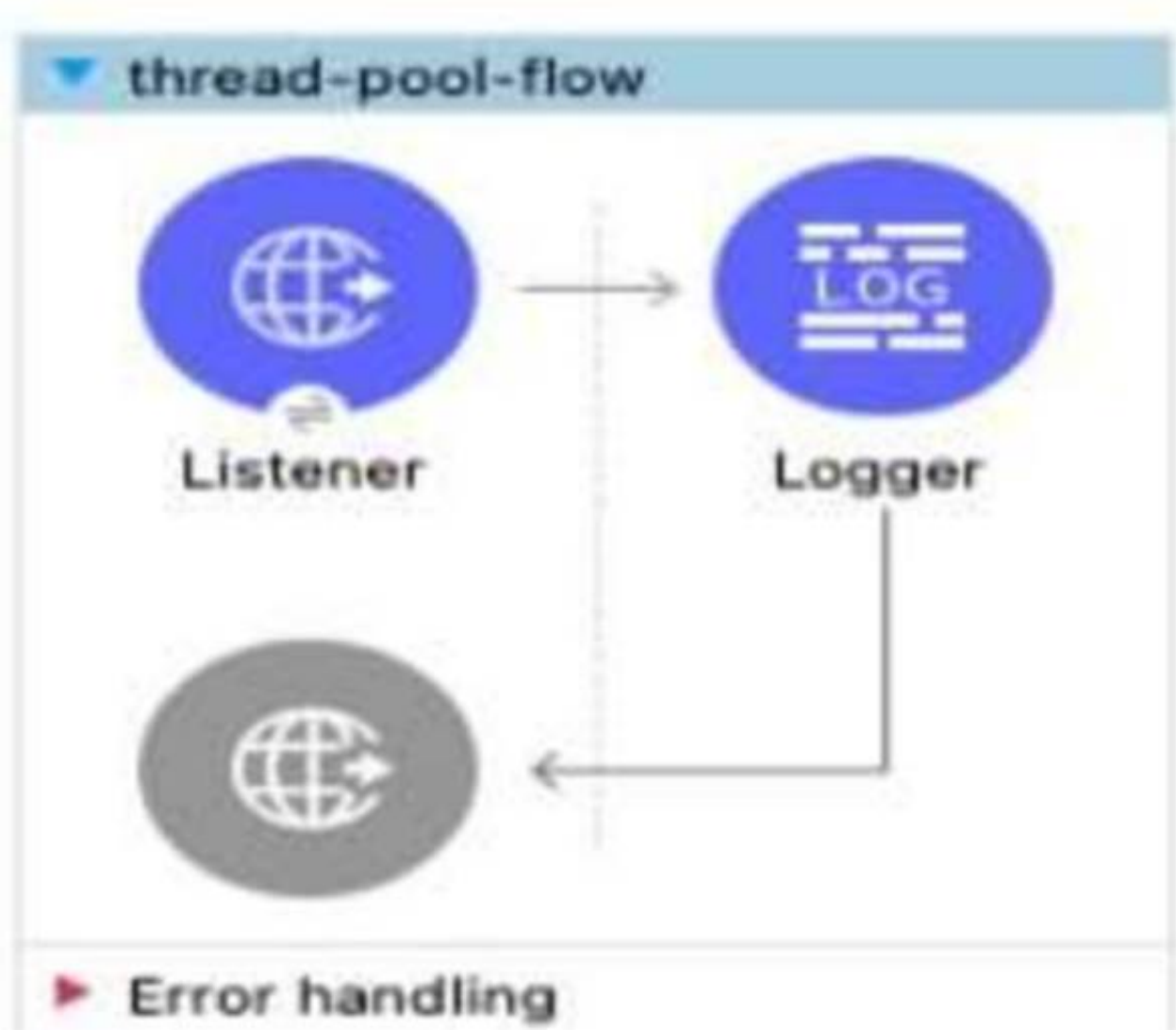


A Mule application is deployed to a multi-node Mule runtime cluster. The Mule application uses the competing consumer pattern among its cluster replicas to receive JMS messages from a JMS queue. To process each received JMS message, the following steps are performed in a flow:
Step l: The JMS Correlation ID header is read from the received JMS message. Step 2: The Mule application invokes an idempotent SOAP webservice over HTTPS,
passing the JMS Correlation ID as one parameter in the SOAP request.
Step 3: The response from the SOAP webservice also returns the same JMS Correlation ID.
Step 4: The JMS Correlation ID received from the SOAP webservice is validated to be identical to the JMS Correlation ID received in Step 1.
Step 5: The Mule application creates a response JMS message, setting the JMS Correlation ID message header to the validated JMS Correlation ID and publishes that message to a response JMS queue.
Where should the Mule application store the JMS Correlation ID values received in Step 1 and Step 3 so that the validation in Step 4 can be performed, while also making the overall Mule application highly available, fault-tolerant, performant, and maintainable?

A. Both Correlation ID values should be stored in a persistent object store
B. Both Correlation ID values should be stored In a non-persistent object store
C. The Correlation ID value in Step 1 should be stored in a persistent object store The Correlation ID value in step 3 should be stored as a Mule event variable/attribute
D. Both Correlation ID values should be stored as Mule event variable/attribute

Answer: C

NEW QUESTION 180
Refer to the exhibit.



A customer is running Mule applications on Runtime Fabric for Self-Managed Kubernetes (RTF-BYOKS) in a multi-cloud environment.
Based on this configuration, how do Agents and Runtime Manager communicate, and what Is exchanged between them?

A. BLOCKING_IO, UBER
B. UBER, Dedicated NIO Selector Pool
C. CPU_LITE, CPU_INTENSIVE
D. Shared NIO Selector Pool, CPU_LITE

Answer: D

NEW QUESTION 185
A developer is examining the responses from a RESTful web service that is compliant with the Mypertext Transfer Protocol (HTTP/1.1) a8 defined by the Internet Engineering Task Force (IETF).
In this HTTP/1.1-compliant web service, which class of HTTP response status codes should be specified to indicate when client requests are successfully received, understood, and accepted by the web service?

A. 3xx
B. 2xx
C. 4xx
D. 5xx

Answer: B

NEW QUESTION 187
An organization is using Mulesoft cloudhub and develops API's in the latest version. As a part of requirements for one of the API's, third party API needs to be called. The security team has made it clear that calling any external API needs to have include listing
As an integration architect please suggest the best way to accomplish the design plan to support these requirements?

A. Implement includelist IP on the cloudhub VPC firewall to allow the traffic
B. Implement the validation of includelisted IP operation
C. Implement the Any point filter processor to implement the include list IP
D. Implement a proxy for the third party API and enforce the IPinclude list policy and call this proxy from the flow of the API

Answer: D

NEW QUESTION 192
Refer to the exhibit.

```
traits:
  error-responses: traits/error-responses.raml
  jwt-required:
    headers:
      x-jwt:
        type: string
        description: JWT token string
```

What is the type data format shown in the exhibit?

A. JSON
B. XML
C. YAML
D. CSV

Answer: C

NEW QUESTION 194
A key CI/CD capability of any enterprise solution is a testing framework to write and run repeatable tests.
Which component of Anypoint Platform provides the te6t automation capabilities for customers to use in their pipelines?

A. Anypoint CLI
B. Mule Maven Plugin
C. Exchange Mocking Service
D. MUnit

Answer: D

NEW QUESTION 197
What metrics about API invocations are available for visualization in custom charts using Anypoint Analytics?

A. Request size, request HTTP verbs, response time
B. Request size, number of requests, JDBC Select operation result set size
C. Request size, number of requests, response size, response time
D. Request size, number of requests, JDBC Select operation response time

Answer: C

NEW QUESTION 201
A leading e-commerce giant will use Mulesoft API's on runtime fabric (RTF) to process customer orders. Some customer's sensitive information such as credit card information is also there as a part of a API payload.
What approach minimizes the risk of matching sensitive data to the original and can convert back to the original value whenever and wherever required?

A. Apply masking to hide the sensitive information and then use API
B. manager to detokenize the masking format to return the original value
C. create a tokenization format and apply a tokenization policy to the API Gateway
D. Used both masking and tokenization
E. Apply a field level encryption policy in the API Gateway

Answer: C

NEW QUESTION 205
What condition requires using a CloudHub Dedicated Load Balancer?

A. When cross-region load balancing is required between separate deployments of the same Mule application
B. When custom DNS names are required for API implementations deployed to customer- hosted Mule runtimes
C. When API invocations across multiple CloudHub workers must be load balanced
D. When server-side load-balanced TLS mutual authentication is required between API implementations and API clients

Answer: D

NEW QUESTION 208
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