



**Free Questions for MCI A-Level-1-Maintenance by
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Question 1

Question Type: MultipleChoice

An organization is successfully using API led connectivity, however, as the application network grows, all the manually performed tasks to publish share and discover, register, apply policies to, and deploy an API are becoming repetitive pictures driving the organization to automate this process using efficient CI/CD pipeline. Considering Anypoint platforms capabilities how should the organization approach automating is API lifecycle?

Options:

- A- Use runtime manager rest apis for API management and mavenforAPI deployment
- B- Use Maven with a custom configuration required for the API lifecycle
- C- Use Anypoint CLI or Anypoint Platform REST apis with scripting language such as groovy
- D- Use Exchange rest api's for API management and MavenforAPI deployment

Answer:

D

Question 2

Question Type: MultipleChoice

A corporation has deployed multiple mule applications implementing various public and private API's to different cloudhub workers. These API's arc Critical applications that must be highly available and in line with the reliability SLA as defined by stakeholders.

How can API availability (liveliness or readiness) be monitored so that Ops team receives outage notifications?

Options:

- A-** Enable monitoring of individual applications from Anypoint monitoring
- B-** Configure alerts with failure conditions in runtime manager
- C-** Configure alerts failure conditions in API manager
- D-** Use any point functional monitoring test API's functional behavior

Answer:

A

Question 3

Question Type: MultipleChoice

A company is modernizing its legal systems to accelerate access to applications and data while supporting the adoption of new technologies. The key to achieving this business goal is unlocking the companies' key systems and data including microservices running under Docker and Kubernetes containers using APIs.

Considering the current aggressive backlog and project delivery requirements the company wants to take a strategic approach in the first phase of its transformation projects by quickly deploying APIs in multi-runtime that are able to scale, connect to on-premises systems and migrate as needed.

Which runtime deployment option supports company's goals?

Options:

- A- Customer hosted self-provisioned runtimes
- B- Cloudhub runtimes
- C- Runtime fabric on self-managed Kubernetes
- D- Runtime fabric on VMware metal

Answer:

C

Question 4

Question Type: MultipleChoice

An organization is building a test suite for their applications using m-unit. The integration architect has recommended using test recorder in studio to record the processing flows and then configure unit tests based on the capture events

What are the two considerations that must be kept in mind while using test recorder

(Choose two answers)

Options:

- A-** Tests for flows cannot be created with Mule errors raised inside the flow or already existing in the incoming event
- B-** Recorder supports smoking a message before or inside a ForEach processor
- C-** The recorder support loops where the structure of the data been tested changes inside the iteration
- D-** A recorded flow execution ends successfully but the result does not reach its destination because the application is killed
- E-** Mocking values resulting from parallel processes are possible and will not affect the execution of the processes that follow in the test

Answer:

A, D

Question 5

Question Type: MultipleChoice

A company is designing an integration Mule application to process orders by submitting them to a back-end system for offline processing. Each order will be received by the Mule application through an HTTP5 POST and must be acknowledged immediately.

Once acknowledged the order will be submitted to a back-end system. Orders that cannot be successfully submitted due to the rejections from the back-end system will need to be processed manually (outside the banking system).

The mule application will be deployed to a customer hosted runtime and will be able to use an existing ActiveMQ broker if needed. The ActiveMQ broker is located inside the organization's firewall. The back-end system has a track record of unreliability due to both minor network connectivity issues and longer outages.

Which combination of Mule application components and ActiveMQ queues are required to ensure automatic submission of orders to the back-end system while supporting but minimizing manual order processing?

Options:

- A-** One or more On Error scopes to assist calling the back-end system An Untill successful scope containing VM components for long retries A persistent dead-letter VM queue configure in Cloud hub
- B-** An Until Successful scope to call the back-end system One or more ActiveMQ long-retry queues One or more ActiveMQ dead-letter queues for manual processing
- C-** One or more on-Error scopes to assist calling the back-end system one or more ActiveMQ long-retry queues A persistent dead-letter

Object store configuration in the CloudHub object store service

D- A batch job scope to call the back in system An Untill successful scope containing Object Store components for long retries. A dead-letter object store configured in the Mule application

Answer:

B

Question 6

Question Type: MultipleChoice

An insurance provider is implementing Anypoint platform to manage its application infrastructure and is using the customer hosted runtime for its business due to certain financial requirements it must meet. It has built a number of synchronous API's and is currently hosting these on a mule runtime on one server

These applications make use of a number of components including heavy use of object stores and VM queues.

Business has grown rapidly in the last year and the insurance provider is starting to receive reports of reliability issues from its applications.

The DevOps team indicates that the API's are currently handling too many requests and this is over loading the server. The team has also mentioned that there is a significant downtime when the server is down for maintenance.

As an integration architect, which option would you suggest to mitigate these issues?

Options:

- A- Add a load balancer and add additional servers in a server group configuration
- B- Add a load balancer and add additional servers in a cluster configuration
- C- Increase physical specifications of server CPU memory and network
- D- Change applications by use an event-driven model

Answer:

B

Question 7

Question Type: MultipleChoice

When the mule application using VM is deployed to a customer-hosted cluster or multiple cloudhub workers, how are messages consumed by the Mule engine?

Options:

- A- in non-deterministic way
- B- by starting an XA transaction for each new message
- C- in a deterministic way
- D- the primary only in order to avoid duplicate processing

Answer:

C

Question 8

Question Type: MultipleChoice

As a part of project requirement, Java Invoke static connector in a mule 4 application needs to invoke a static method in a dependency jar file. What are two ways to add the dependency to be visible by the connectors class loader?

(Choose two answers)

Options:

- A- In the Java Invoke static connector configuration, configure a path and name of the dependency jar file
- B- Add the dependency jar file to the java classpath by setting the JVM parameters
- C- Use Maven command to include the dependency jar file when packaging the application
- D- Configure the dependency as a shared library in the project POM
- E- Update mule-artefact.json to export the Java package

Answer:

B, D

Question 9

Question Type: MultipleChoice

A company is planning to extend its Mule APIs to the Europe region. Currently all new applications are deployed to Cloudhub in the US region following this naming convention

{API name}-{environment}. for example, Orders-SAPI-dev, Orders-SAPI-prod etc.

Considering there is no network restriction to block communications between API's, what strategy should be implemented in order to apply the same new API's running in the EU region of CloudHub as well to minimize latency between API's and target users and systems in Europe?

Options:

- A-** Set region property to Europe (eu-de) in API manager for all the mule application
No need to change the naming convention
- B-** Set region property to Europe (eu-de) in API manager for all the mule application
Change the naming convention to {API name}-{environment}-{region} and communicate this change to the consuming applications and users
- C-** Set region property to Europe (eu-de) in runtime manager for all the mule application
No need to change the naming convention
- D-** Set region property to Europe (eu-de) in runtime manager for all the mule application
Change the naming convention to {API name}-{environment}-{region} and communicate this change to the consuming applications and users

Answer:

D

Question 10

Question Type: MultipleChoice

An organization has strict unit test requirement that mandate every mule application must have an MUnit test suit with a test case defined for each flow and a minimum test coverage of 80%.

A developer is building Munit test suit for a newly developed mule application that sends API request to an external rest API.

What is the effective approach for successfully executing the Munit tests of this new application while still achieving the required test coverage for the Munit tests?

Options:

- A-** Invoke the external endpoint of the rest API from the mule floors
- B-** Mark the rest API invocations in the Munits and then call the mocking service flow that simulates standard responses from the REST API
- C-** Mock the rest API invocation in the Munits and return a mock response for those invocations
- D-** Create a mocking service flow to simulate standard responses from the rest API and then configure the mule flows to call the marking service flow

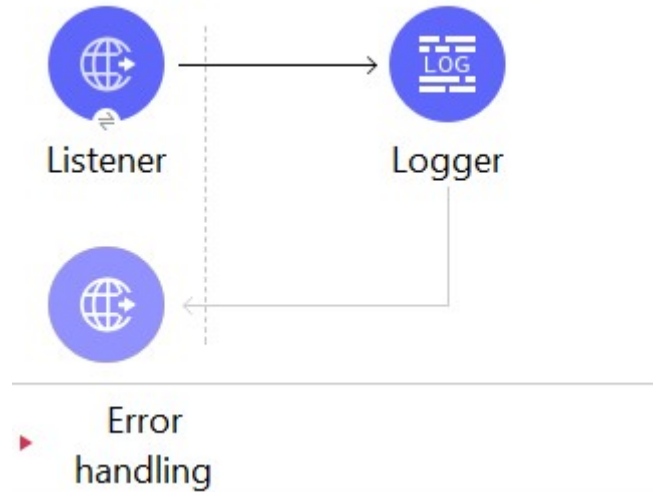
Answer:

C

Question 11

Question Type: MultipleChoice

Refer to the exhibit.



The HTTP Listener and the Logger are being handled from which thread pools respectively?

Options:

- A- CPU_INTENSIVE and Dedicated Selector pool
- B- UBER and NONBLOCKING
- C- Shared Selector Pool and CPU LITE
- D- BLOCKING _IO and UBER

Answer:

C

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