MCIA-LEVEL-1-MAINTENANCE^{Q&As}

MuleSoft Certified Integration Architect - Level 1 MAINTENANCE

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QUESTION 1

An organization\\\'s security requirements mandate centralized control at all times over authentication and authorization of external applications when invoking web APIs managed on Anypoint Platform. What Anypoint Platform feature is most idiomatic (used for its intended purpose), straightforward, and maintainable to use to meet this requirement?

A. Client management configured in access management

B. Identity management configured in access management

C. Enterprise Security module coded in Mule applications

D. External access configured in API Manager

Correct Answer: B

Reference: https://blogs.mulesoft.com/dev-guides/api-security-ways-to-authenticate-and- authorize/

QUESTION 2

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

A. A fixed number of FQDNs are created, IRRESPECTIVE of the environment and VPC design

B. The FQDNs are determined by the application name chosen, IRRESPECTIVE of the region

C. The FQDNs are determined by the application name, but can be modified by an administrator after deployment

D. The FQDNs are determined by both the application name and the region

Correct Answer: D

Every Mule application deployed to CloudHub receives a DNS entry pointing to the CloudHub. The DNS entry is a CNAME for the CloudHub Shared Load Balancer in the region to which the Mule application is deployed. When we deploy the application on CloudHub, we get a generic url to access the endpoints. Generic URL looks as below: ..cloudhub.io is the deployed application name which is unique across all the MuleSoft clients. is the region name in which an application is deployed. The public CloudHub (shared) load balancer already redirects these requests, where myApp is the name of the Mule application deployment to CloudHub: HTTP requests to http://myApp..cloudhub.io redirects to http://mule-worker-myApp..cloudhub.io:8081 HTTPS traffic to https://myApp..cloudhub.io redirects to https://mule-worker-myApp..cloudhub.io:8082

QUESTION 3

An organization if struggling frequent plugin version upgrades and external plugin project dependencies. The team wants to minimize the impact on applications by creating best practices that will define a set of default dependencies across all new and in progress projects.

How can these best practices be achieved with the applications having the least amount of responsibility?

A. Create a Mule plugin project with all the dependencies and add it as a dependency in each application\\\'s POM.xml

file

B. Create a mule domain project with all the dependencies define in its POM.xml file and add each application to the domain Project

C. Add all dependencies in each application\\'s POM.xml file

D. Create a parent POM of all the required dependencies and reference each in each application\\'s POM.xml file

Correct Answer: D

QUESTION 4

Which Mulesoft feature helps users to delegate their access without sharing sensitive credentials or giving full control of accounts to 3rd parties?

A. Secure Scheme

B. client id enforcement policy

C. Connected apps

D. Certificates

Correct Answer: C

Connected Apps The Connected Apps feature provides a framework that enables an external application to integrate with Anypoint Platform using APIs through OAuth 2.0 and OpenID Connect. Connected apps help users delegate their access without sharing sensitive credentials or giving full control of their accounts to third parties. Actions taken by connected apps are audited, and users can also revoke access at any time. Note that some products do not currently include client IDs in this release of the Connected Apps feature. The Connected Apps feature enables you to use secure authentication protocols and control an app\\'s access to user data. Additionally, end users can authorize the app to access their Anypoint Platform data.

Mule Ref Doc : https://docs.mulesoft.com/access-management/connected-apps-overview

QUESTION 5

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

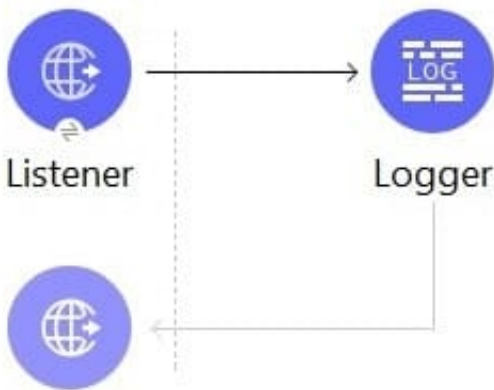Correct Answer: C

QUESTION 6

Which of the below requirements prevent the usage of Anypoint MQ in a company\\'s network? (Choose two answers)
A. single message payload can be up to 15 MB

B. payloads must be encrypted

C. the message broker must be hosted on premises

D. support for point-to-point messaging

E. ability for a third party outside the company\\'s network to consume events from the queue

Correct Answer: CD

QUESTION 7

Refer to the exhibit.

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

A. CPU_INTENSIVE and Dedicated Selector pool

B. UBER and NONBLOCKING

C. Shared Selector Pool and CPU LITE

D. BLOCKING _IO and UBER

Correct Answer: C

QUESTION 8

An airline is architecting an API connectivity project to integrate its flight data into an online aggregation website. The interface must allow for secure communication high-performance and asynchronous message exchange. What are suitable interface technologies for this integration assuming that Mulesoft fully supports these technologies and that Anypoint connectors exist for these interfaces?

A. AsyncAPI over HTTPS AMQP with RabbitMQ JSON/REST over HTTPS

B. XML over ActiveMQ XML over SFTP XML/REST over HTTPS

C. CSV over FTP YAM L over TLS JSON over HTTPS

D. SOAP over HTTPS HOP over TLS gRPC over HTTPS

Correct Answer: A

QUESTION 9

An organization is designing multiple new applications to run on CloudHub in a single Anypoint VPC and that must share data using a common persistent Anypoint object store V2 (OSv2). Which design gives these mule applications access to the same object store instance?

A. AVM connector configured to directly access the persistence queue of the persistent object store

B. An Anypoint MQ connector configured to directly access the persistent object store

C. Object store V2 can be shared across cloudhub applications with the configured osv2 connector

D. The object store V2 rest API configured to access the persistent object store

Correct Answer: D

QUESTION 10

An organization has defined a common object model in Java to mediate the communication between different Mule applications in a consistent way. A Mule application is being built to use this common object model to process responses from

a SOAP API and a REST API and then write the processed results to an order management system.

The developers want Anypoint Studio to utilize these common objects to assist in creating mappings for various transformation steps in the Mule application.

What is the most idiomatic (used for its intended purpose) and performant way to utilize these common objects to map between the inbound and outbound systems in the Mule application?

A. Use JAXB (XML) and Jackson (JSON) data bindings

B. Use the WSS module

C. Use the Java module

D. Use the Transform Message component

Correct Answer: A

Reference: https://docs.mulesoft.com/mule-runtime/3.9/understanding-mule-configuration

QUESTION 11

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

Correct Answer: A

QUESTION 12

An organization has implemented a continuous integration (CI) lifecycle that promotes Mule applications through code, build, and test stages. To standardize the organization\\'s CI journey, a new dependency control approach is being designed to store artifacts that include information such as dependencies, versioning, and build promotions.

To implement these process improvements, the organization will now require developers to maintain all dependencies related to Mule application code in a shared location.

What is the most idiomatic (used for its intended purpose) type of system the organization should use in a shared location to standardize all dependencies related to Mule application code?

A. A MuleSoft-managed repository at repository.mulesoft.org

B. A binary artifact repository

C. API Community Manager

D. The Anypoint Object Store service at cloudhub.io

Correct Answer: C

QUESTION 13

An automation engineer needs to write scripts to automate the steps of the API lifecycle, including steps to create,

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publish, deploy and manage APIs and their implementations in Anypoint Platform. What Anypoint Platform feature can be used to automate the execution of all these actions in scripts in the easiest way without needing to directly invoke the Anypoint Platform REST APIs?

A. Automated Policies in API Manager

B. Runtime Manager agent

C. The Mule Maven Plugin

D. Anypoint CLI

Correct Answer: D

Anypoint Platform provides a scripting and command-line tool for both Anypoint Platform and Anypoint Platform Private Cloud Edition (Anypoint Platform PCE). The command-line interface (CLI) supports both the interactive shell and standard CLI modes and works with: Anypoint Exchange Access management Anypoint Runtime Manager

QUESTION 14

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 route Use 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 applications Use 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 different routes Use the Try-Catch scope to implement retry mechanism for timeout errors on each route

Correct Answer: A

QUESTION 15

Customer has deployed mule applications to different customer hosted mule run times. Mule applications are managed from Anypoint platform.

What needs to be configured to monitor these Mule applications from Anypoint monitoring and what sends monitoring data to Anypoint monitoring?

A. Enable monitoring of individual applications from runtime manager application settings Runtime manager agent sends monitoring data from the mule applications to Anypoint monitoring

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B. Install runtime manager agent on each mule runtime Runtime manager agent since monitoring data from the mule applications to Anypoint monitoring

C. Anypoint monitoring agent on each mule runtime Anypoint monitoring agent sends monitoring data from the mule applications to Anypoint monitoring

D. By default, Anypoint monitoring agent will be installed on each Mule run time Anypoint Monitoring agent automatically sends monitoring data from the Mule applications to Anypoint monitoring

Correct Answer: C

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