MCIA-LEVEL-1-MAINTENANCE Q&As

MuleSoft Certified Integration Architect - Level 1 MAINTENANCE

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QUESTION 1

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. mulelnclude

D. _muleExclude

Correct Answer: D

QUESTION 2

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

Correct Answer: D

Reference: https://docs.mulesoft.com/jms-connector/1.8/jms-performance

QUESTION 3

An organization is designing Mule application which connects to a legacy backend. It has been reported that backend services are not highly available and experience downtime quite often. As an integration architect which of the below

approach you would propose to achieve high reliability goals?

A. Alerts can be configured in Mule runtime so that backend team can be communicated when services are down

B. Until Successful scope can be implemented while calling backend API\\'s

C. On Error Continue scope to be used to call in case of error again

D. Create a batch job with all requests being sent to backend using that job as per the availability of backend API\\'s

Correct Answer: B

Correct answer is Untill Successful scope can be implemented while calling backend API\\'s The Until Successful scope repeatedly triggers the scope\\'s components (including flow references) until they all succeed or until a maximum number of retries is exceeded The scope provides option to control the max number of retries and the interval between retries The scope can execute any sequence of processors that may fail for whatever reason and may succeed upon retry

QUESTION 4

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 5

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 deployment. External log management system is required.

B. When deploying an application to CloudHub , logs retention period should be selected as 2 years

C. When deploying an application to CloudHub, worker size should be sufficient to store 2 years data

D. Logging strategy should be configured accordingly in log4j file deployed with the application.

Correct Answer: A

Correct answer is It is not possible to store logs for 2 years in CloudHub deployment. External log management system is required. CloudHub has a specific log retention policy, as described in the documentation: the platform stores logs of up to 100 MB per app and per worker or for up to 30 days, whichever limit is hit first. Once this limit has been reached, the oldest log information is deleted in chunks and is irretrievably lost. The recommended approach is to persist your logs to a external logging system of your choice (such as Splunk, for instance) using a log appender. Please note that this solution results in the logs no longer being stored on our platform, so any support cases you lodge will require for you to provide the appropriate logs for review and case resolution