MCIA-LEVEL-1^{Q&As}

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QUESTION 1

An IT integration delivery team begins a project by gathering all of the requirements, and proceeds to execute the remaining project activities as sequential, non-repeating phases.

Which IT project delivery methodology is this team following?

A. Kanban

B. Scrum

C. Waterfall

D. Agile

Correct Answer: C

QUESTION 2

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

Correct Answer: B

Scatter Gather: When running within a transaction, Scatter Gather does not execute in parallel. This means that the second route is executed after the first one is processed, the third after the second one, etc. In case of error, all routes will be rolled back

QUESTION 3

A set of integration Mule applications, some of which expose APIs, are being created to enable a new business process. Various stakeholders may be impacted by this. These stakeholders are a combination of semi-technical users (who understand basic integration terminology and concepts such as JSON and XML) and technically skilled potential consumers of the Mule applications and APIs.

What Is an effective way for the project team responsible for the Mule applications and APIs being built to communicate with these stakeholders using Anypoint Platform and its supplied toolset?

A. Use Anypoint Design Center to implement the Mule applications and APIs and give the various stakeholders access to these Design Center projects, so they can collaborate and provide feedback

B. Create Anypoint Exchange entries with pages elaborating the integration design, including API notebooks (where

applicable) to help the stakeholders understand and interact with the Mule applications and APIs at various levels of technical depth

C. Use Anypoint Exchange to register the various Mule applications and APIs and share the RAML definitions with the stakeholders, so they can be discovered

D. Capture documentation about the Mule applications and APIs inline within the Mule integration flows and use Anypoint Studio\'s Export Documentation feature to provide an HTML version of this documentation to the stakeholders

Correct Answer: B

Explanation: As the stakeholders are semitechnical users , preferred option is Create Anypoint Exchange entries with pages elaborating the integration design, including API notebooks (where applicable) to help the stakeholders understand and interact with the Mule applications and APIs at various levels of technical depth

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QUESTION 4

An external REST client periodically sends an array of records in a single POST request to a Mule application API endpoint.

The Mule application must validate each record of the request against a JSON schema before sending it to a downstream system in the same order that it was received in the array

Record processing will take place inside a router or scope that calls a child flow. The child flow has its own error handling defined. Any validation or communication failures should not prevent further processing of the remaining records.

To best address these requirements what is the most idiomatic(used for it intended purpose) router or scope to used in the parent flow, and what type of error handler should be used in the child flow?

A. First Successful router in the parent flow On Error Continue error handler in the child flow

B. For Each scope in the parent flow On Error Continue error handler in the child flow

C. Parallel For Each scope in the parent flow On Error Propagate error handler in the child flow

D. Until Successful router in the parent flow On Error Propagate error handler in the child flow

Correct Answer: B

Explanation:

Correct answer is For Each scope in the parent flow On Error Continue error handler in the child flow. You can extract below set of requirements from the question a) Records should be sent to downstream system in the same order that it was

received in the array b) Any validation or communication failures should not prevent further processing of the remaining records First requirement can be met using For Each scope in the parent flow and second requirement can be met using

On Error Continue scope in child flow so that error will be suppressed.

QUESTION 5

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

Correct Answer: D

Explanation:

Correct answer is Batch-triggered ETL Within a Mule application, batch processing provides a construct for asynchronously processing larger-than-memory data sets that are split into individual records. Batch jobs allow for the description of a

reliable process that automatically splits up source data and stores it into persistent queues, which makes it possible to process large data sets while providing reliability. In the event that the application is redeployed or Mule crashes, the job

execution is able to resume at the point it stopped.