

MuleSoft-Integration-Architect-I Key Concepts | MuleSoft-Integration-Architect-I New Braindumps Files



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Itexamguide has formulated MuleSoft-Integration-Architect-I PDF questions for the convenience of Salesforce MuleSoft-Integration-Architect-I test takers. This format follows the content of the Salesforce MuleSoft-Integration-Architect-I examination. You can read Salesforce MuleSoft-Integration-Architect-I Exam Questions without the limitations of time and place. There is also a feature to print out Salesforce MuleSoft-Integration-Architect-I exam questions.

Salesforce MuleSoft-Integration-Architect-I Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Designing Integration Solutions to Meet Security Requirements: This topic emphasizes securing access to the Anypoint Platform and APIs, using Anypoint Security, counteracting security vulnerabilities, and understanding audit logging capabilities.
Topic 2	<ul style="list-style-type: none">Initiating Integration Solutions on Anypoint Platform: Summarizing MuleSoft Catalyst and Catalyst Knowledge Hub, differentiating between functional and non-functional requirements, selecting features for designing and managing APIs, and choosing deployment options are its sub-topics.
Topic 3	<ul style="list-style-type: none">Applying DevOps Practices and Operating Integration Solutions: Its sub-topics are related to designing CICD pipelines with MuleSoft plugins, automating interactions with Anypoint Platform, designing logging configurations, and identifying Anypoint Monitoring features.
Topic 4	<ul style="list-style-type: none">Designing Integration Solutions to Meet Persistence Requirements: It addresses the usage of VM queues and connectors, object stores and services, and stateful components configured with object stores.
Topic 5	<ul style="list-style-type: none">Designing Architecture Using Integration Paradigms: This topic focuses on creating high-level integration architectures using various paradigms. It includes API-led connectivity, web APIs and HTTP, event-driven APIs, and message brokers, and designing Mule application using messaging patterns and technologies.

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Salesforce Certified MuleSoft Integration Architect I Sample Questions (Q179-Q184):

NEW QUESTION # 179

A system API EmployeeSAPI is used to fetch employee's data from an underlying SQL database.

The architect must design a caching strategy to query the database only when there is an update to the employees stable or else return a cached response in order to minimize the number of redundant transactions being handled by the database.

What must the architect do to achieve the caching objective?

- A. Use a Scheduler with a fixed frequency every hour triggering an invalidate cache flowUse an object store caching strategy and expiration interval to empty
- B. Use an On Table Row on employees table and call invalidate cacheUse an object store caching strategy and expiration interval to empty
- C. Use a Scheduler with a fixed frequency every hour triggering an invalidate cache flowUse an object store caching strategy and set expiration interval to 1-hour
- D. Use an on table rule on employees table call invalidate cache and said new employees data to cacheUse an object store caching strategy and set expiration interval to 1-hour

Answer: B

Explanation:

To achieve efficient caching and reduce redundant database transactions, the following strategy can be implemented:

* On Table Row Listener: Implement an "On Table Row" trigger on the employees' table. This trigger will monitor changes (inserts, updates, deletes) in the employee records.

* Invalidate Cache: Upon detecting changes in the employees' table, the trigger will call a flow to invalidate the current cache.

* Object Store for Caching: Utilize MuleSoft's object store to cache the employee data. This store can hold the data for quick retrieval.

* Set Expiration Interval: Configure the expiration interval for the cached data to ensure it is cleared when necessary. For this scenario, since we are invalidating cache on actual data changes, setting the expiration interval to empty can be suitable.

* Return Cached Data: If there are no updates, the cached response is returned, reducing database load.

MuleSoft Documentation on Object Store

Caching Strategies

NEW QUESTION # 180

According to MuleSoft, a synchronous invocation of a RESTful API using HTTP to get an individual customer record from a single system is an example of which system integration interaction pattern?

- A. Multicast
- B. Batch
- C. One-way
- D. Request-Reply

Answer: D

Explanation:

A synchronous invocation of a RESTful API using HTTP to get an individual customer record from a single system exemplifies the request-reply interaction pattern. In this pattern, a client sends a request to a service and waits for a response. The interaction is synchronous because the client expects an immediate reply and is blocked until it receives the response.

This pattern is common in scenarios where the client needs to retrieve specific data or perform an action that requires immediate feedback from the server, such as retrieving a customer record from a database.

References

* MuleSoft Integration Patterns Documentation

* Request-Reply Pattern Overview

NEW QUESTION # 181

An organization will deploy Mule applications to Cloudhub. Business requirements mandate that all application logs be stored ONLY in an external splunk consolidated logging service and NOT in Cloudhub.

In order to most easily store Mule application logs ONLY in Splunk, how must Mule application logging be configured in Runtime Manager, and where should the log4j2 splunk appender be defined?

- A. Keep the default logging configuration in Runtime Manager Define the Splunk appender in EACH Mule application log4j2.xml file
- B. Disable Cloudhub logging in Runtime Manager Define the splunk appender in ONE global log4j.xml file that is uploaded once to Runtime Manager to support at Mule application deployments.
- **C. Disable Cloudhub logging in Runtime Manager Define the splunk appender in EACH Mule application's log4j2.xml file**
- D. Keep the default logging configuration in Runtime Manager Define the splunk appender in ONE global log4j.xml file that is uploaded once to Runtime Manager to support at Mule application deployments.

Answer: C

Explanation:

By default, CloudHub replaces a Mule application's log4j2.xml file with a CloudHub log4j2.xml file. In CloudHub, you can disable the CloudHub provided Mule application log4j2 file. This allows integrating Mule application logs with custom or third-party log management systems

NEW QUESTION # 182

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

Explanation:

* Object Store and VM Store is used for sharing data inter or intra mule applications in same setup. Can't be used with external Business Partner

* Also File connector will not be useful as the two companies currently have no shared IT infrastructure. It's specific for local use.

* Correct answer is SFTP connector. The SFTP Connector implements a secure file transport channel so that your Mule application can exchange files with external resources. SFTP uses the SSH security protocol to transfer messages. You can implement the SFTP endpoint as an inbound endpoint with a one-way exchange pattern, or as an outbound endpoint configured for either a one-way or request-response exchange pattern.

NEW QUESTION # 183

What is true about automating interactions with Anypoint Platform using tools such as Anypoint Platform REST API's, Anypoint CLI

or the Mule Maven plugin?

- A. Anypoint Platform API's can only automate interactions with CloudHub while the Mule maven plugin is required for deployment to customer hosted Mule runtimes
- B. Access to Anypoint Platform API;s and Anypoint CLI can be controlled separately through the roles and permissions in Anypoint platform, so that specific users can get access to Anypoint CLI while others get access to the platform API's
- C. API policies can be applied to the Anypoint platform API's so that only certain LOS's has access to specific functions
- D. **By default, the Anypoint CLI and Mule Maven plugin are not included in the Mule runtime**

Answer: D

Explanation:

Correct answer is By default, the Anypoint CLI and Mule Maven plugin are not included in the Mule runtime. Maven is not part of runtime though it is part of studio. You do not need it to deploy in order to deploy your app. Same is the case with CLI.

NEW QUESTION # 184

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