

MuleSoft Certified Integration Architect - Level 1 (Maintenance)

1. An organization is designing a mule application to support an all or nothing transaction between several database operations and some other connectors so that they all roll back if there is a problem with any of the connectors

Besides the database connector, what other connector can be used in the transaction.

A. VM

B. Anypoint MQ

C. SFTP

D. ObjectStore

Answer(s): A

2. A mule application uses an HTTP request operation to involve an external API. The external API follows the HTTP specification for proper status code usage. What is possible cause when a 3xx status code is returned to the HTTP Request operation from the external API?

A. The request was not accepted by the external API

B. The request was Redirected to a different URL by the external API

C. The request was NOT RECEIVED by the external API

D. The request was ACCEPTED by the external API

Answer(s): B

3. An organization is migrating all its Mule applications to Runtime Fabric (RTF). None of the Mule applications use Mule domain projects.

Currently, all the Mule applications have been manually deployed to a server group among several customer hosted Mule runtimes.

Port conflicts between these Mule application deployments are currently managed by the DevOps team who carefully manage Mule application properties files.

When the Mule applications are migrated from the current customer-hosted server group to Runtime Fabric (RTF), for the Mule applications need to be rewritten and what DevOps port configuration responsibilities change or stay the same?

A. Yes, the Mule applications Must be rewrittenDevOps No Longer needs to manage port conflicts between the Mule applications

B. Yes, the Mule applications Must be rewrittenDevOps Must Still Manage port conflicts.

C. NO, The Mule applications do NOT need to be rewrittenDevOps MUST STILL manage port conflicts

D. NO, the Mule applications do NO need to be rewrittenDevOps NO LONGER needs to manage port conflicts between the Mule applications.

Answer(s): C

4. An organization is evaluating using the CloudHub shared Load Balancer (SLB) vs creating a CloudHub dedicated load balancer (DLB). They are evaluating how this choice affects the various types of certificates used by CloudHub deployed Mule applications, including MuleSoft-provided, customer

provided, or Mule application-provided certificates.

What type of restrictions exist on the types of certificates that can be exposed by the CloudHub Shared Load Balancer (SLB) to external web clients over the public internet?

A. Only MuleSoft-provided certificates are exposed.

B. Only customer-provided wildcard certificates are exposed.

C. Only customer-provided self-signed certificates are exposed.

D. Only underlying Mule application certificates are exposed (pass-through)

Answer(s): A

5. A Mule application is being designed To receive nightly a CSV file containing millions of records from an external vendor over SFTP, The records from the file need to be validated, transformed. And then written to a database. Records can be inserted into the database in any order. In this use case, what combination of Mule components provides the most effective and performant way to write these records to the database?

A. Use a Parallel for Each scope to Insert records one by one into the database

B. Use a Scatter-Gather to bulk insert records into the database

C. Use a Batch job scope to bulk insert records into the database.

D. Use a DataWeave map operation and an Async scope to insert records one by one into the database.

Answer(s): C

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

Answer(s): D

7. A company wants its users to log in to Anypoint Platform using the company's own internal user credentials. To achieve this, the company needs to integrate an external identity provider (IdP) with the company's Anypoint Platform master organization, but SAML 2.0 CANNOT be used. Besides SAML 2.0, what single-sign-on standard can the company use to integrate the IdP with their Anypoint Platform master organization?

A. SAML 1.0

B. OAuth 2.0

C. Basic Authentication

D. OpenID Connect

Answer(s): D

8. An API implementation is being developed to expose data from a production database via HTTP requests. The API implementation executes a database SELECT statement that is dynamically created based upon data received from each incoming HTTP request. The developers are planning to use various types of testing to make sure the Mule application works as expected, can handle specific workloads, and behaves correctly from an API consumer perspective. What type of testing would typically mock the results from each SELECT statement rather than actually execute it in the production database?

A. Unit testing (white box)

B. Integration testing

C. Functional testing (black box)

D. Performance testing

Answer(s): A

9. A travel company wants to publish a well-defined booking service API to be shared with its business partners. These business partners have agreed to ONLY consume SOAP services and they want to get the service contracts in an easily consumable way before they start any development. The travel company will publish the initial design documents to Anypoint Exchange, then share those documents with the business partners. When using an API-led approach. What is the first design document the travel company should deliver to its business partners?

A. Create a WSDL specification using any XML editor

B. Create a RAML API specification using any text editor

C. Create an OAS API specification in Design Center

D. Create a SOAP API specification in Design Center

Answer(s): A

10. What is not true about Mule Domain Project?

A. This allows Mule applications to share resources

B. Expose multiple services within the Mule domain on the same port

C. Only available Anypoint Runtime Fabric

D. Send events (messages) to other Mule applications using VM queues

Answer(s): C

11. An API implementation is being designed that must invoke an Order API which is known to repeatedly experience downtime. For this reason a fallback API is to be called when the Order API is unavailable. What approach to designing invocation of the fallback API provides the best resilience?

A. Redirect client requests through an HTTP 303 temporary redirect status code to the fallback API whenever the Order API is unavailable

B. Set an option in the HTTP Requester component that invokes the order API to instead invoke a fallback API whenever an HTTP 4XX or 5XX response status code is received from Order API

C. Create a separate entry for the order API in API manager and then invoke this API as a fallback API if the primary Order API is unavailable

D. Search Anypoint Exchange for a suitable existing fallback API and then implement invocations to their fallback API in addition to the Order API

Answer(s): A

12. How are the API implementation , API client, and API consumer combined to invoke and process an API?

A. The API consumer creates an API implementation , which receives API invocations from an API such that they are processed for an API client

B. The API consumer creates an API client which sends API invocations to an API such that they are processed by an API implementation

C. An API client creates an API consumer, which receives API invocation from an API such that they are processed for an API implementation

D. The API client creates an API consumer which sends API invocations to an API such that they are processed by API implementation

Answer(s): C

13. What Mule application can have API policies applied by Anypoint Platform to the endpoint exposed by that Mule application?

A. A Mule application that accepts requests over HTTP/1x

B. A Mule application that accepts JSON requests over TCP but is NOT required to provide a response.

C. A Mule application that accepts JSON requests over WebSocket

D. A Mule application that accepts gRPC requests over HTTP/2

Answer(s): A

14. The implementation of a Process API must change. What is a valid approach that minimizes the impact of this change on API clients?

A. Implement required changes to the Process API implementation so that whenever possible, the Process API's RAML definition remains unchanged

B. Update the RAML definition of the current Process API and notify API client developers by sending them links to the updated RAML definition

C. Postpone changes until API consumers acknowledge they are ready to migrate to a new Process API or API version

D. Implement the Process API changes in a new API implementation, and have the old API implementation return an HTTP status code 301 Moved Permanently to inform API clients they should be calling the new API implementation

Answer(s): A

15. Organization wants to achieve high availability goal for Mule applications in customer hosted runtime plane. Due to the complexity involved, data cannot be shared among of different instances of same Mule application. What option best suits to this requirement considering high availability is very much critical to the organization?

A. The cluster can be configured

B. Use third party product to implement load balancer

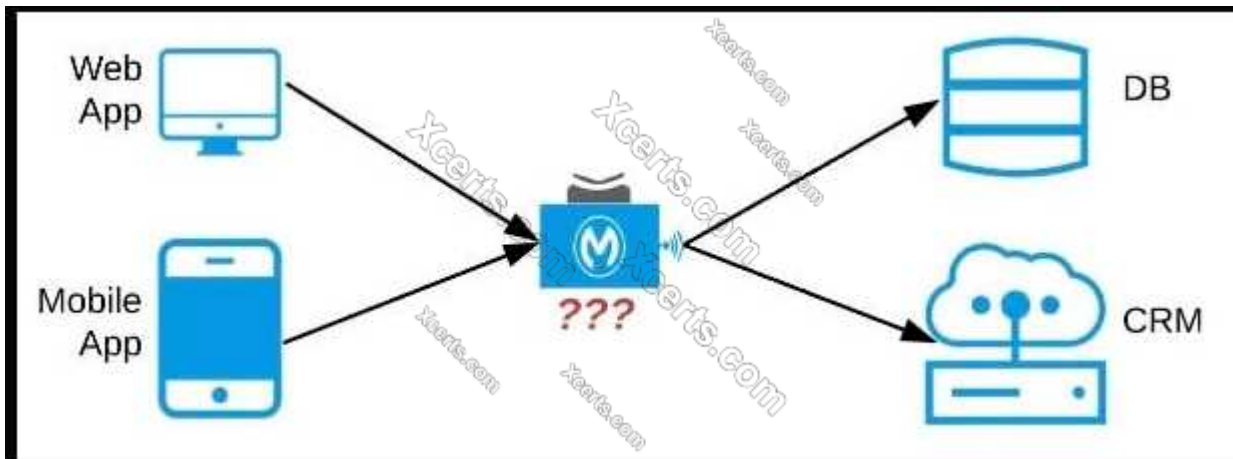
C. High availability can be achieved only in CloudHub

D. Use persistent object store

Answer(s): B

16. An organization needs to enable access to their customer data from both a mobile app and a web application, which each need access to common fields as well as certain unique fields. The data is available partially in a database and partially in a 3rd-party CRM system. What APIs

should be created to best fit these design requirements?



A. A Process API that contains the data required by both the web and mobile apps, allowing these applications to invoke it directly and access the data they need thereby providing the flexibility to add more fields in the future without needing API changes.

B. One set of APIs (Experience API, Process API, and System API) for the web app, and another set for the mobile app.

C. Separate Experience APIs for the mobile and web app, but a common Process API that invokes separate System APIs created for the database and CRM system

D. A common Experience API used by both the web and mobile apps, but separate Process APIs for the web and mobile apps that interact with the database and the CRM System.

Answer(s): C

17. 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. By default, the Anypoint CLI and Mule Maven plugin are not included in the Mule runtime

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. Anypoint Platform API's can only automate interactions with CloudHub while the Mule maven plugin is required for deployment to customer hosted Mule runtimes

D. API policies can be applied to the Anypoint platform API's so that only certain LOS's has access to specific functions

Answer(s): A

18. An organization uses one specific CloudHub (AWS) region for all CloudHub deployments. How are CloudHub workers assigned to availability zones (AZs) when the organization's Mule applications are deployed to CloudHub in that region?

A. Workers belonging to a given environment are assigned to the same AZ within that region.

B. AZs are selected as part of the Mule application's deployment configuration.

C. Workers are randomly distributed across available AZs within that region.

D. An AZ is randomly selected for a Mule application, and all the Mule application's CloudHub workers are assigned to that one AZ

Answer(s): C

19. 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

Answer(s): D

20. What API policy would LEAST likely be applied to a Process API?

A. Custom circuit breaker

B. Client ID enforcement

C. Rate limiting

D. JSON threat protection

Answer(s): D
