

DUMPS ARENA

MuleSoft Certified Integration Architect - Level 1

Mulesoft MCIA-Level-1

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QUESTION NO: 1

An organization is using Mulesoft cloudhub and develops API's in the latest version. As a part of requirements for one of the API's, third party API needs to be called. The security team has made it clear that calling any external API needs to have include listing

As an integration architect please suggest the best way to accomplish the design plan to support these requirements?

- A. Implement includelist IP on the cloudhub VPC firewall to allow the traffic
- B. Implement the validation of includelisted IP operation
- C. Implement the Any point filter processor to implement the include list IP
- D. Implement a proxy for the third party API and enforce the IPinclude list policy and call this proxy from the flow of the API

ANSWER: D**QUESTION NO: 2**

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

ANSWER: C D**QUESTION NO: 3**

Which type of communication is managed by a service mesh in a microservices architecture?

- A. Communication between microservices runtime administrators
- B. Communication between microservices developers
- C. Communication between microservices
- D. Communication between trading partner services

ANSWER: C**QUESTION NO: 4**

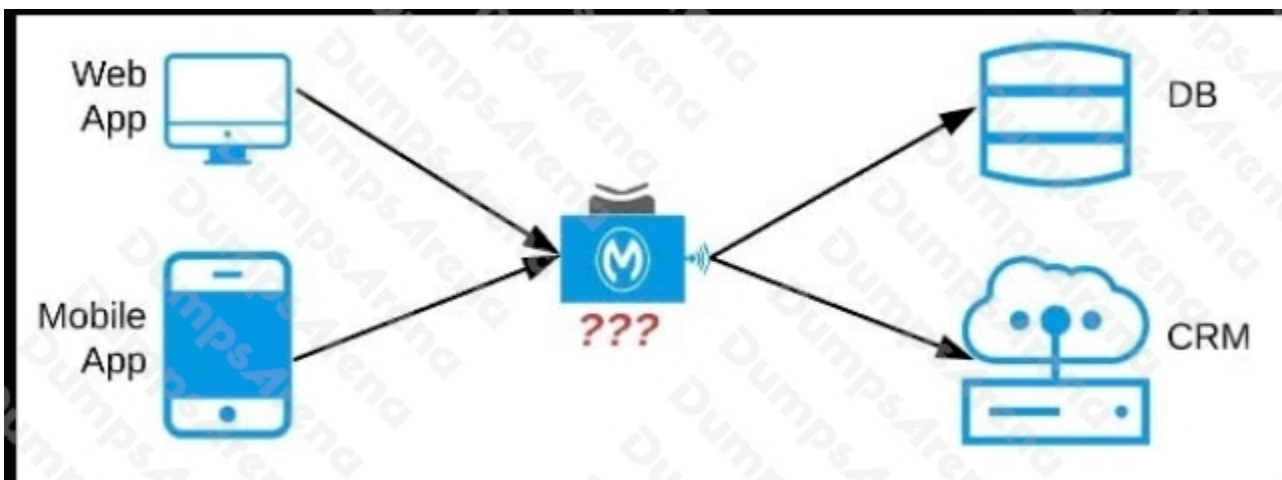
An organization uses a set of customer-hosted Mule runtimes that are managed using the Mulesoft-hosted control plane.

What is a condition that can be alerted on from Anypoint Runtime Manager without any custom components or custom coding?

- A. When an SSL certificate used by one of the deployed Mule applications is about to expire
- B. When a Mule runtime on a given customer-hosted server is experiencing high memory consumption during certain periods
- C. When a Mule runtime's customer-hosted server is about to run out of disk space
- D. When the Mule runtime license installed on a Mule runtime is about to expire

ANSWER: A**QUESTION NO: 5**

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: C

Explanation:

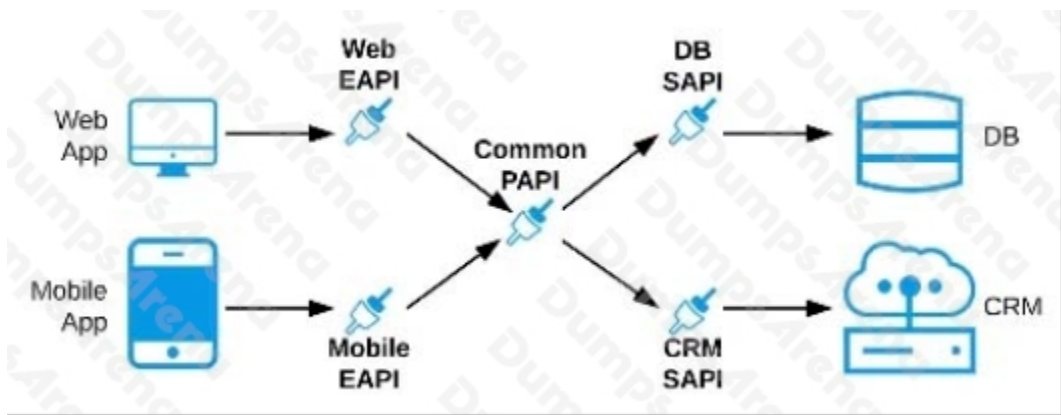
Explanation

Lets analyze the situation in regards to the different options available Option : A common Experience API but separate Process APIs Analysis : This solution will not work because having common experience layer will not help the purpose as mobile and web applications will have different set of requirements which cannot be fulfilled by single experience layer API

Option : Common Process API Analysis : This solution will not work because creating a common process API will impose limitations in terms of flexibility to customize API;s as per the requirements of different applications. It is not a recommended approach.

Option : Separate set of API's for both the applications Analysis : This goes against the principle of Anypoint API-led connectivity approach which promotes creating reusable assets. This solution may work but this is not efficient solution and creates duplicity of code.

Hence the correct answer is: 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

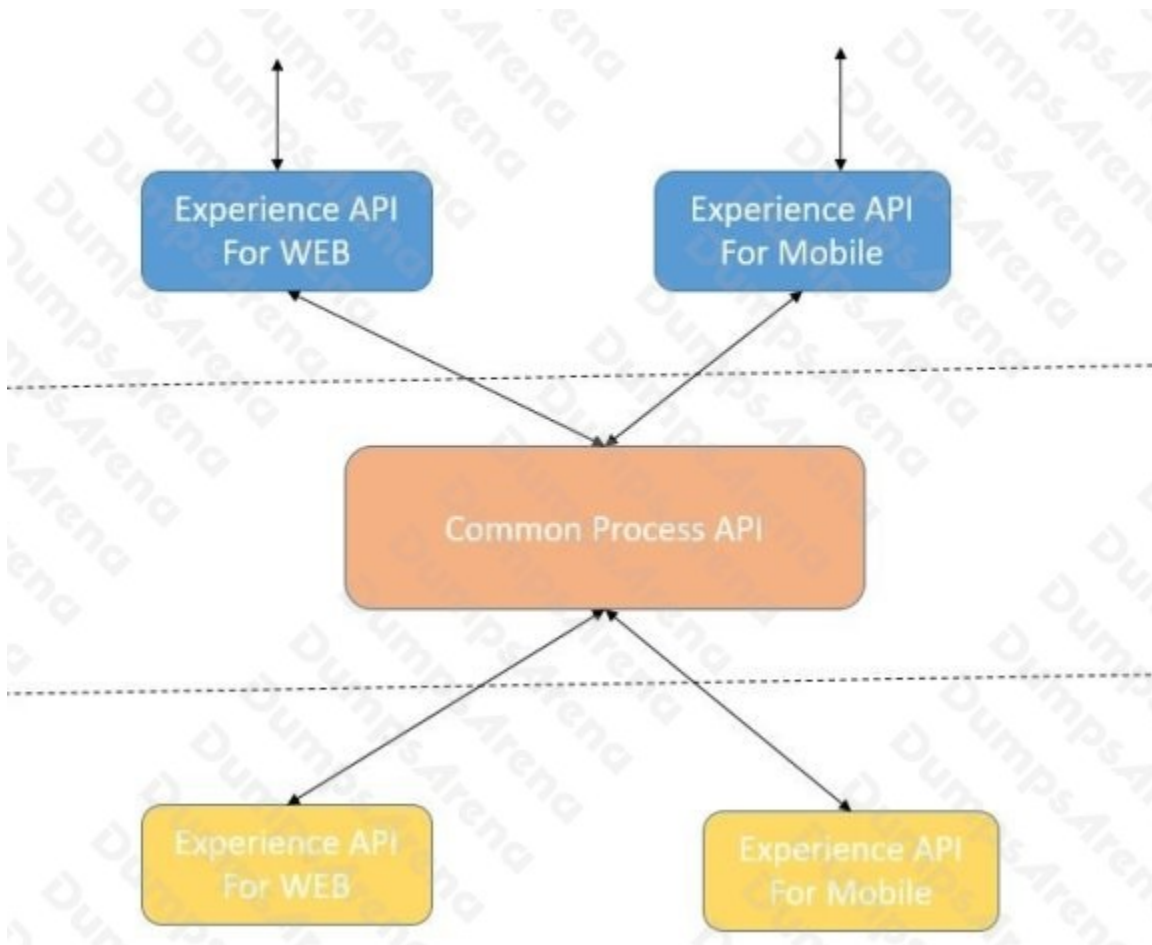


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**QUESTION NO: 6**

What is an example of data confidentiality?

- A. Signing a file digitally and sending it using a file transfer mechanism
- B. Encrypting a file containing personally identifiable information (PII)
- C. Providing a server's private key to a client for secure decryption of data during a two-way SSL handshake
- D. De-masking a person's Social Security number while inserting it into a database

ANSWER: B**QUESTION NO: 7**

As a part of project requirement, Java Invoke static connector in a mule 4 application needs to invoke a static method in a dependency jar file. What are two ways to add the dependency to be visible by the connectors class loader?

(Choose two answers)

- A. In the Java Invoke static connector configuration, configure a path and name of the dependency jar file
- B. Add the dependency jar file to the java classpath by setting the JVM parameters
- C. Use Maven command to include the dependency jar file when packaging the application
- D. Configure the dependency as a shared library in the project POM
- E. Update mule-artefact.json to export the Java package

ANSWER: B D

QUESTION NO: 8

An organization is building a test suite for their applications using m-unit. The integration architect has recommended using test recorder in studio to record the processing flows and then configure unit tests based on the capture events

What are the two considerations that must be kept in mind while using test recorder

(Choose two answers)

- A. Tests for flows cannot be created with Mule errors raised inside the flow or already existing in the incoming event
- B. Recorder supports smoking a message before or inside a ForEach processor
- C. The recorder support loops where the structure of the data been tested changes inside the iteration
- D. A recorded flow execution ends successfully but the result does not reach its destination because the application is killed
- E. Mocking values resulting from parallel processes are possible and will not affect the execution of the processes that follow in the test

ANSWER: A D

QUESTION NO: 9

In Anypoint Platform, a company wants to configure multiple identity providers (IdPs) for multiple lines of business (LOBs). Multiple business groups, teams, and environments have been defined for these LOBs.

What Anypoint Platform feature can use multiple IdPs across the company's business groups, teams, and environments?

- A. MuleSoft-hosted (CloudHub) dedicated load balancers
- B. Client (application) management
- C. Virtual private clouds
- D. Permissions

ANSWER: A**Explanation:**

To use a dedicated load balancer in your environment, you must first create an Anypoint VPC. Because you can associate multiple environments with the same Anypoint VPC, you can use the same dedicated load balancer for your different environments.

Reference: <https://docs.mulesoft.com/runtime-manager/cloudhub-dedicated-load-balancer>

There are three ways to create and configure a dedicated load balancer for your Anypoint VPC:

- [Runtime Manager](#) from Anypoint Platform
- The [cloudhub load-balancer create](#) command from the Anypoint Platform CLI
- The [CloudHub REST API](#) through these endpoints:
 - `anypoint.mulesoft.com/cloudhub/api/organizations/{orgid}/loadbalancers`
 - `anypoint.mulesoft.com/cloudhub/api/organizations/{orgid}/vpcs`

For a full description of `loadbalancers` and `vpcs` endpoints, see the [CloudHub API](#).

QUESTION NO: 10

What comparison is true about a CloudHub Dedicated Load Balancer (DLB) vs. the CloudHub Shared Load Balancer (SLB)?

- A.** Both a DLB and the SLB implement load balancing by sending HTTP requests to workers with the lowest workloads
- B.** Both a DLB and the SLB allow the configuration of access control via IP whitelists
- C.** Only a DLB allows the configuration of a custom TLS server certificate
- D.** Only the SLB can forward HTTP traffic to the VPC-internal ports of the CloudHub workers

ANSWER: B**QUESTION NO: 11**

As an enterprise architect, what are the two reasons for which you would use a canonical data model in the new integration project using Mulesoft Anypoint platform (choose two answers)

- A.** To have consistent data structure aligned in processes
- B.** To isolate areas within a bounded context
- C.** To incorporate industry standard data formats
- D.** There are multiple canonical definitions of each data type

E. Because the model isolates the back end systems and support mule applications from change

ANSWER: A B

QUESTION NO: 12

What are two reasons why a typical MuleSoft customer favors a MuleSoft-hosted Anypoint Platform runtime plane over a customer-hosted runtime for its Mule application deployments? (Choose two.)

- A. Reduced application latency
- B. Increased application isolation
- C. Reduced time-to-market for the first application
- D. Increased application throughput
- E. Reduced IT operations effort

ANSWER: C E

QUESTION NO: 13

As part of a growth strategy, a supplier signs a trading agreement with a large customer. The customer sends purchase orders to the supplier according to the ANSI X12 EDI standard, and the supplier creates the orders in its ERP system using the information in the EDI document.

The agreement also requires that the supplier provide a new RESTful API to process request from the customer for current product inventory level from the supplier's ERP system.

Which two fundamental integration use cases does the supplier need to deliver to provide an end-to-end solution for this business scenario? (Choose two.)

- A. Synchronized data transfer
- B. Sharing data with external partners
- C. User interface integration
- D. Streaming data ingestion
- E. Data mashups

ANSWER: A B

QUESTION NO: 14

A trading company handles millions of requests a day. Due to nature of its business, it requires excellent

performance and reliability within its application.

For this purpose, company uses a number of event-based API's hosted on various mule clusters that communicate across a shared message queue sitting within its network.

Which method should be used to meet the company's requirement for its system?

- A.** XA transactions and XA connected components
- B.** JMS transactions
- C.** JMS manual acknowledgements with a reliability pattern
- D.** VM queues with reliability pattern

ANSWER: C