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QUESTION 1

A Mule application configured with Autodiscovery implements an API. Where is governance enforced for policies defined for this Mule application?

- A. In Runtime Manager
- B. Runtime Manager
- C. In the Mule application
- D. In API manager

Correct Answer: D

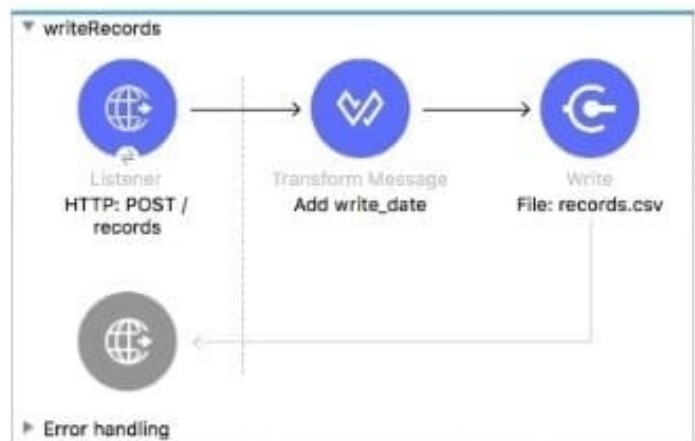
Correct answer is API manager

QUESTION 2

Refer to the exhibits.

Payload

```
{
  "transaction_id": "SS-4848-44KK-4SYQ",
  "account_id": "KA-382-SKD44",
  "name": "Max Mule",
  "position": "sell"
}
```



```
<flow name="writeRecords" >
  <http:listener doc:name="HTTP: POST /records" config-ref="HTTP_listener_config"
    path="/records" allowedMethods="POST"/>
  <ee:transform doc:name="Add write_date">
    <ee:message >
      <ee:set-payload ><![CDATA[%dw 2.0
        output application/json
        ---
        payload ++ {"write_date": now()}]]>
      </ee:set-payload>
    </ee:message>
  </ee:transform>
  <file:write doc:name="File: records.csv" path="file-store/records.csv">
    <file:content ><![CDATA[#payload]]></file:content>
  </file:write>
</flow>
```



What is written to the records.csv file when the flow executes?

- A. The JSON payload
- B. An error message
- C. Nothing
- D. The payload convert to CVS

Correct Answer: A

Transform Message Add write_date is covering payload in JSON format and same JSON payload is available to file write processor. However, if the payload is a different format (for example, not CSV), you can place the transformation inside the Write operation to generate content that will be written without producing a side effect on the message in transit. This is not done in this case. By default, the connector writes whatever is in the message payload. Hence JSON payload will be written to file.

QUESTION 3

A Database On Table Row listener retrieves data from a CUSTOMER table that contains a primary key userjd column and an increasing kxjin_date_time column. Neither column allows duplicate values.

How should the listener be configured so it retrieves each row at most one time?

- A. Set the watermark column to the bgin_date_time column
- B. Set the target value to the last retrieved login_date_time value
- C. Set the target value to the last retrieved user_jd value
- D. Set the watermark column to the user_Id column

Correct Answer: A

1.

Watermark allows the poll scope to poll for new resources instead of getting the same resource over and over again.

2.

The database table must be ordered so that the "watermark functionality" can move effectively in the ordered list. Watermark stores the current/last picked up "record id."

3.

If the Mule application is shut down, it will store the last picked up "record id" in the Java Object Store and the data will continue to exist in the file. This watermark functionality is valuable and enables developers to have increased transparency.

4.

Developers do not need to create code to handle caching; it is all configurable!

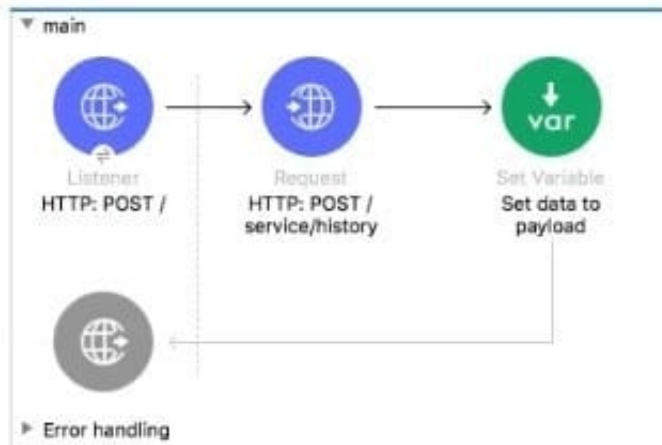
5.



There are two columns and both are unique but user_id can't guaranty sequence whereas date_time will always be in increasing order and table content can easily be ordered on the basis of last processed date_time. So correct answer is: Set the watermark column to the date_time column

QUESTION 4

Refer to the exhibit.



What can be added to the flow to persist data across different flow executions?

- A. Key/value pairs in the ObjectStore
- B. Properties of the Mule runtime flow object
- C. properties of the Mule runtime app object
- D. session variables

Correct Answer: A

An object store is a facility for storing objects in or across Mule applications. Mule runtime engine (Mule) uses object stores to persist data for eventual retrieval. Internally, Mule uses object stores in various filters, routers, and other message processors that need to store states between messages. Object stores are available in all deployment targets. If you deploy your application to CloudHub, you can also use Object Store V2. Correct answer is Key/value pair in Object store MuleSoft Documentation reference : <https://docs.mulesoft.com/mule-runtime/4.3/mule-object-stores#use-cases>

QUESTION 5

An organization is beginning to follow Mulesoft's recommended API led connectivity approach to use modern API to support the development and lifecycle of the integration solutions and to close the IT delivery gap. What distinguishes between how modern API's are organized in a MuleSoft recommended API-led connectivity approach as compared to other common enterprise integration solutions?

- A. The API interfaces are specified as macroservices with one API representing all the business logic of an existing and proven end to end solution



- B. The API interfaces are specified at a granularity intended for developers to consume specific aspect of integration processes
- C. The API implementation are built with standards using common lifecycle and centralized configuration management tools
- D. The APIO implementations are monitored with common tools, centralized monitoring and security systems

Correct Answer: B

Correct answer is The API interfaces are specified at a granularity intended for developers to consume specific aspect of integration processes

QUESTION 6

An app team is developing a mobile banking app. It took them two months to create their own APIs to access transaction information from a central database. The app team later found out that another team had already built an API that accesses the transaction information they need.

According to MuleSoft, what organization structure could have saved the app team two months of development time?

- A. Center of Excellence
- B. Center for Enablement
- C. MuleSoft Support Center
- D. Central API Review Board

Correct Answer: B

Reference: <https://blogs.mulesoft.com/biz/connectivity/what-is-a-center-for-enablement-c4e/> Center for Enablement is correct answer .It is a cross-functional team typically staffed with members from central IT, line-of-business departments, and digital innovation teams charged with productizing, publishing, and harvesting reusable assets and best practices. In this case , app team would have checked first with Center for Enablement before developing their own API\\'s. Hence could have avoided re-work

QUESTION 7

A Mule application contains an ActiveMQ JMS dependency. The Mule application was developed in Anypoint Studio and runs successfully in Anypoint Studio. The Mule application must now be exported from Anypoint Studio and shared with another developer.

What export options create the smallest JAR file that can be imported into the other developer\\'s Anypoint Studio and run successfully?



- A. Attach project sources
 Include project modules and dependencies
- B. Attach project sources
 Include project modules and dependencies
- C. Attach project sources
 Include project modules and dependencies
- D. Attach project sources
 Include project modules and dependencies

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

QUESTION 8

A Scatter-Gather processes three separate HTTP requests. Each request returns a Mule event with a JSON payload. What is the final output of the Scatter-Gather?

- A. An Array of the three Mule event Objects
- B. An Object containing all three Mule event Objects
- C. An Array of the three JSON payload Objects
- D. An Object containing all three JSON payload Objects

Correct Answer: B

Correct answer is An Object containing all three Mule event Objects The Scatter-Gather component is a routing event processor that processes a Mule event through different parallel processing routes that contain different event



processors.

Each route receives a reference to the Mule event and executes a sequence of one or more event processors. Each of these routes uses a separate thread to execute the event processors, and the resulting Mule event can be either the

same Mule event without modifications or a new Mule event with its own payload, attributes, and variables. The Scatter-Gather component then combines the Mule events returned by each processing route into a new Mule event that is

passed to the next event processor only after every route completes successfully.

The Scatter-Gather component executes each route in parallel, not sequentially. Parallel execution of routes can greatly increase the efficiency of your Mule application and may provide more information than sequential processing.

Sample output is as below



Input Output

🔍 type filter text

- ▼ Mule Message
 - ▼ Payload
 - ▼ Object : *Object*
 - ▶ 0 : *Object*
 - ▼ 1 : *Object*
 - ▶ payload : *Array<Object>*
 - ▶ attributes : *Object*
 - ▼ 2 : *Object*
 - ▼ payload : *Array<Object>*
 - airlineName : *String?*
 - availableSeats : *Number?*
 - departureDate : *String?*
 - destination : *String?*
 - flightCode : *String?*
 - origination : *String?*
 - planeType : *String?*
 - price : *Number?*
 - ▶ attributes : *Object*
 - ▼ Attributes
 - Void : *Void*
 - ▼ Variables
 - ▼ code
 - String : *String*

Description automatically generated with low confidence MuleSoft Documentation reference : <https://docs.mulesoft.com/mule-runtime/4.3/scatter-gather-concept>

**QUESTION 9**

A shopping API contains a method to look up store details by department

To get information for a particular store, web clients will submit requests with a query parameter named department and a URI parameter named storeId.

What is a valid RAML snippet that supports requests from web clients to get data for a specific storeId and department name?

A.

```
/department:  
  get:  
    uriParameter:  
      storeId:
```

B.

```
get:  
  queryParameters:  
    department:  
  uriParameters:  
    storeId:
```

C.

```
/{storeId}:  
  get:  
    queryParameters:  
      department:
```

D.

```
get:  
  uriParameters:  
    {storeId}:  
  queryParameters:  
    department:
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 10

A Mule application's HTTP Listener is configured with the HTTP protocol. The HTTP listener's port attribute is configured with a property placeholder named http.port. The mule application sets the http.port property placeholder's value to 9090

The Mule application is deployed to CloudHub without setting any properties in the Runtime manager Properties tab and



a log message reports the status of the HTTP listener after the Mule application deployment completes.

After the mule applications is deployed, what information is reported in the worker logs related to the port on which the Mule application's HTTP Listener listens?

- A. The HTTP Listener is listening on port 80
- B. The HTTP Listener is listening on port 9090
- C. The HTTP Listener is listening on port 8081
- D. The HTTP Listener failed to bind to the port and is not listening for connections

Correct Answer: C

Cloudhub expose services on port 8081 and override value in http.port with this one .

Sample log in Runtime Manager is below 21:15:53.148 08/08/2021 Worker-0 ArtifactDeployer.start.01 INFO Listening for connections on '\\http://0.0.0.0:8081\\'

QUESTION 11

Refer to the exhibits.



```
##RAML 1.0
title: ACME Order API
version: 1.0

/order:
  post:
    body:
      application/xml:
        example: |
          <order oid="1001">
            <customerName>Annie Point
            </customerName>
            <itemName>Electric Standing Desk
            </itemName>
            <cost>300.00</cost>
          </order>
```

The screenshot shows a web client interface for a REST API. The URL is `http://localhost:8081/api/order` and the method is `POST`. The request body is XML. The response is a 415 Unsupported Media Type error with a message: "Unsupported media type".

The web client sends a POST request to the ACME Order API with an XML payload. An error is returned.

What should be changed in the request so that a success response code is returned to the web client?



- A. Set a request header with the name Content-Type to a value of applicatron/octet-stream
- B. Set a request header with the name Content-Type to a value of application/xml
- C. Set a response header with the name Content-Type to a value of applkation/xml
- D. Set a response header with the name Content-Type to a value of application/octet- stream

Correct Answer: B

The HTTP 415 Unsupported Media Type client error response code indicates that the server refuses to accept the request because the payload format is in an unsupported format. The format problem might be due to the request's indicated Content-Type or Content-Encoding , or as a result of inspecting the data directly. As per RAML input is expected in application/xml. Hence correct answer is Set a request header with the name Content-Type to a

QUESTION 12

What statement is a part of MuleSoft's description of an application network?

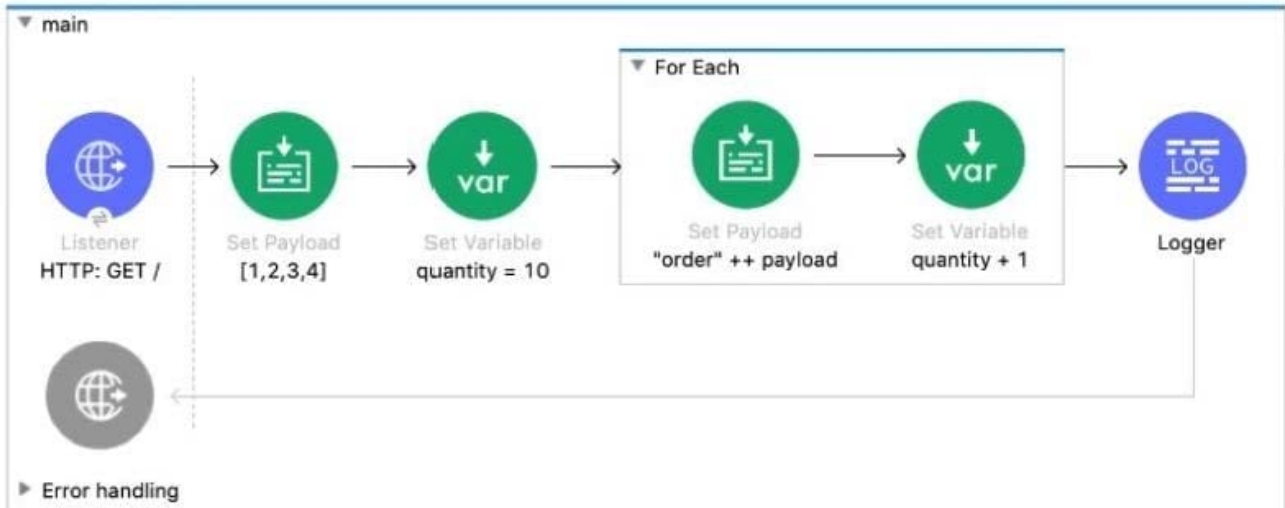
- A. Creates and manages high availability and fault tolerant services and infrastructure
- B. Creates reusable APIs and assets designed to be consumed by other business units
- C. Creates and manages a collection of JMS messaging services and infrastructure
- D. Leverages Central IT to deliver complete point-to-point solutions with master data management

Correct Answer: B

Creates reusable APIs and assets designed to be consumed by other business units

QUESTION 13

Refer to the exhibits.



```
<flow name="main" >
  <http:listener doc:name="HTTP: GET /" config-ref="HTTP_Listener_config" path="/" allowedMethods="GET"/>
  <set-payload value="#[[1,2,3,4]]" doc:name="[1,2,3,4]" />
  <set-variable value='10' doc:name="quantity = 10" variableName="quantity" />
  <foreach doc:name="For Each" >
    <set-payload value='#["order" ++ payload]' doc:name='"order" ++ payload' />
    <set-variable value="#[vars.quantity + 1]" doc:name="quantity + 1" variableName="quantity" />
  </foreach>
  <logger level="INFO" doc:name="Logger" message='#[[ payload, vars.quantity ]]' />
</flow>
```

What payload and quantity are logged at the end of the main flow?

- A. [[1,2,3,4], 14]
- B. [[order1, order2, order3, order4], 14]
- C. [[1,2,3,4], 10]
- D. [order1order2order3order4,14]

Correct Answer: A

QUESTION 14

Refer to the exhibit.



A Mule event is composed of a hierarchy of objects. Where in the hierarchy are variables stored?

- A. Mule event
- B. Mule message payload
- C. Mule message
- D. Mule message attributes

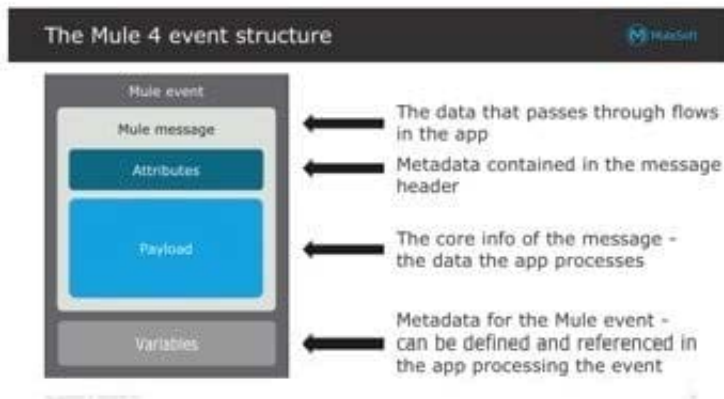
Correct Answer: A

Variables are stored under Mule event. Please refer to below image for the hierarchy .



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QUESTION 15

A web client submits a request to `http://localhost:8081?accountType=personal`. The query parameter is captured using a Set Variable transformer to a variable named `accountType`. What is the correct DataWeave expression to log `accountType`?

- A. Account Type: `#[flowVars.accountType]`
- B. Account Type: `#[message.inboundProperties.accountType]`
- C. Account Type: `#[attributes.accountType]`



D. Account Type: #[vars.accountType]

Correct Answer: D

vars: Keyword for accessing a variable, for example, through a DataWeave expression in a Mule component, such as the Logger, or from an Input or Output parameter of an operation. If the name of your variable is myVar, you can access it like this: vars.myVar Hence correct answer is Account Type: #[vars.accountType]

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