

## MuleSoft.MCD-Level-1.v2024-01-30.q113

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### NEW QUESTION: 1

An On Table Row Database listener retrieves data from a table that contains record\_id, an increasing numerical column. How should the listener be configured so it retrieves new rows at most one time?

- A. Set the target to store the last retrieved record\_id value
- B. Set the target to the record\_id column
- C. Set the watermark column to the record id column
- D. Set the ObjectStore to store the last retrieved record\_id value

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 2

Refer to the exhibits.



The Set Variable transformer is set with value `#[ [ first "Max" last "Mule" ] ]`.

What is a valid DataWeave expression to set as the message attribute of the Logger to access the value "Max" from the Mule event?

- A. "customer first"
- B. customer first
- C. vars "customer" "first"
- D. vars "customer first"

**Answer: C (LEAVE A REPLY)**

### NEW QUESTION: 3

According to MuleSoft, what is the first step to create a Modern API?

- A. Gather a list of requirements to secure the API
- B. Create an API specification and get feedback from stakeholders
- C. Performance tune and optimize the backend systems and network
- D. Create a prototype of the API implementation

**Answer: B (LEAVE A REPLY)**

First step in creating Modern API is to create an API specification and get feedback from stakeholders so that any future issues can be identified at early stage thereby reducing overall delivery time

### NEW QUESTION: 4

Refer to the exhibits.

Global Element Properties

### HTTP Request configuration

Configuration element for a HTTP requests.

General Settings Advanced Notes Help

Basic Settings

Name: HTTP\_Request\_configuration

URL Configuration

Base path: /

Connection

Configuration

Protocol: HTTP (Default)

Host: localhost

Port: 8081

OK Cancel

```
config.yaml x
1 training:
2   host: "learn.mulesoft.com"
3   port: "8080"
4
5
6
```

Mule application has an HTTP request configuration where host name is hardcoded. Organization is looking to move host and port values to configuration file. What valid expression can be used to so that HTTP configuration can pick the value from configuration file?

- A. #[training.host]
- B. \${http.host}
- C. #{training.host}

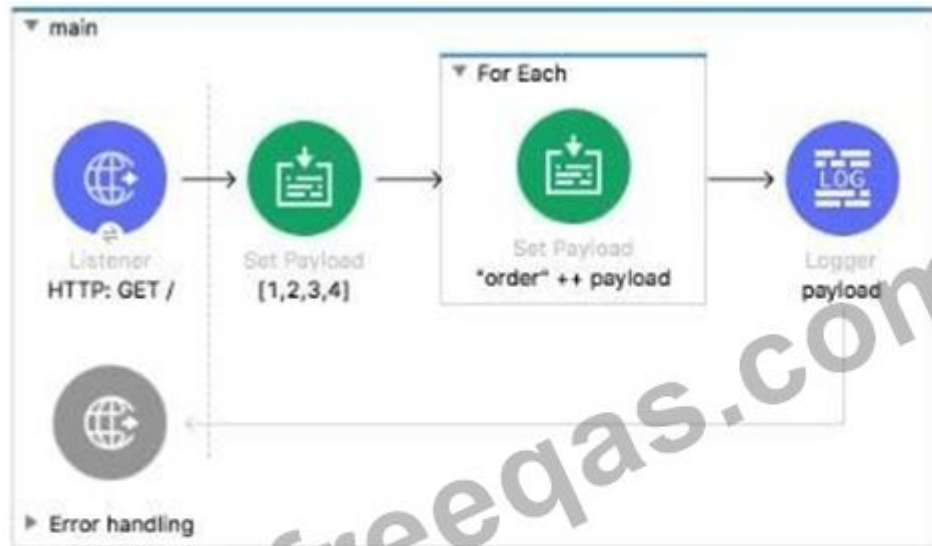
D. \${training.host}

**Answer: (SHOW ANSWER)**

Correct answer is \${training.host}

### NEW QUESTION: 5

Refer to the exhibits. What payload is logged at the end of the main flow?



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

A. order4

B. order1order2order3order4

C. [order1, order2, order3, order4]

D. [1, 2, 3, 4]

**Answer: A (LEAVE A REPLY)**

### NEW QUESTION: 6

A web client sends a request to `http://localhost:8081?dept=sales`. What is the correct DataWeave expression to access the value of dept?

A. vars.dept

B. message.queryParams.dept

C. attributes.queryParams.dept

D. attributes.dept

**Answer: C (LEAVE A REPLY)**

### NEW QUESTION: 7

Which of the below is used by Mule application to manage dependencies which make sharing the projects lightweight and easier?

A. Configuration file

- B. Global element
- C. POM.xml
- D. Cloudhub

**Answer: C (LEAVE A REPLY)**

POM.xml contains info about the project and configuration details used by Maven to build the project

#### **NEW QUESTION: 8**

Which keyword do you use to create a new function in DataWeave?

- A. function
- B. fun
- C. func
- D. map

**Answer: B (LEAVE A REPLY)**

You can define your own DataWeave functions using the fun declaration in the header of a DataWeave script. Sample is as below.

```
-----  
%dw 2.0  
output application/json  
fun toUpper(aString) = upper(aString)  
---  
toUpper("hello")  
MuleSoft Doc Ref : https://docs.mulesoft.com/mule-runtime/4.1/dataweave-functions
```

#### **NEW QUESTION: 9**

A RAML example fragment named StudentExample.raml is placed in the examples folder in an API specification project. What is the correct syntax to reference the fragment?

- A. examples: !include StudentExample.raml
- B. examples: #import StudentExample.raml
- C. examples: !include examples/StudentExample.raml
- D. examples: #import examples/StudentExample.raml

**Answer: C (LEAVE A REPLY)**

To include property. To keep the API definition concise, you can include external content, such as documentation, schemas, and frequently used patterns outside the definition itself. The parser interprets !include as if the content of the externally-hosted file or a URL were declared in-line.

To use the fragments in RAML you have to include the exact path(copy the path) of that fragment you want to use as shown below Option 3 is the correct as correct syntax is examples: !include examples/StudentExample.raml

#### **NEW QUESTION: 10**

Refer to the exhibit.





The Database Select operation returns five rows from a database. What is logged by the Logger component?

- A. "CaseInsensitiveHashMap"
- B. "LinkedHashMap"
- C. "Object"
- D. "Array"

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 12

A

Mule application contains two HTTP Listeners, each configured for different API endpoints:

`http://acme.com/apis/orders` and `http://acme.com/apis/customers`.

What base path value should be set in an HTTP Listener config element so that it can be used to configure both HTTP Listeners?

- A. `/apis/`
- B. `/apis/?`
- C. `/apis/orders|customers`
- D. `/apis/*`

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 13**

Refer to the exhibit.



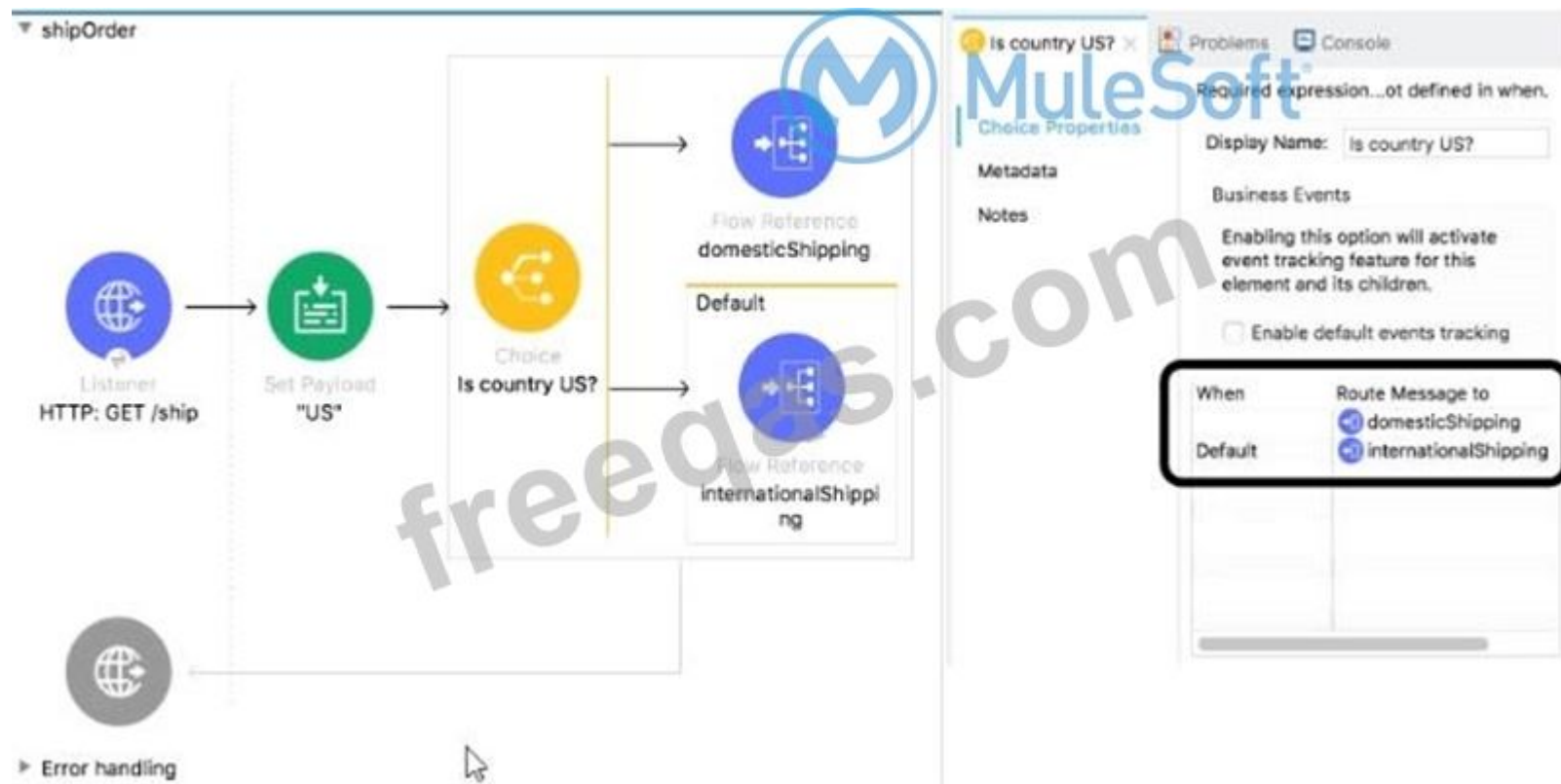
A Mule event is composed of a hierarchy of objects. Where in the hierarchy are variables stored?

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

**Answer: D (LEAVE A REPLY)**

**NEW QUESTION: 14**

Refer to the exhibit.



What is a valid expression for the Choice router's when expression to route events to the domesticShipping flow?

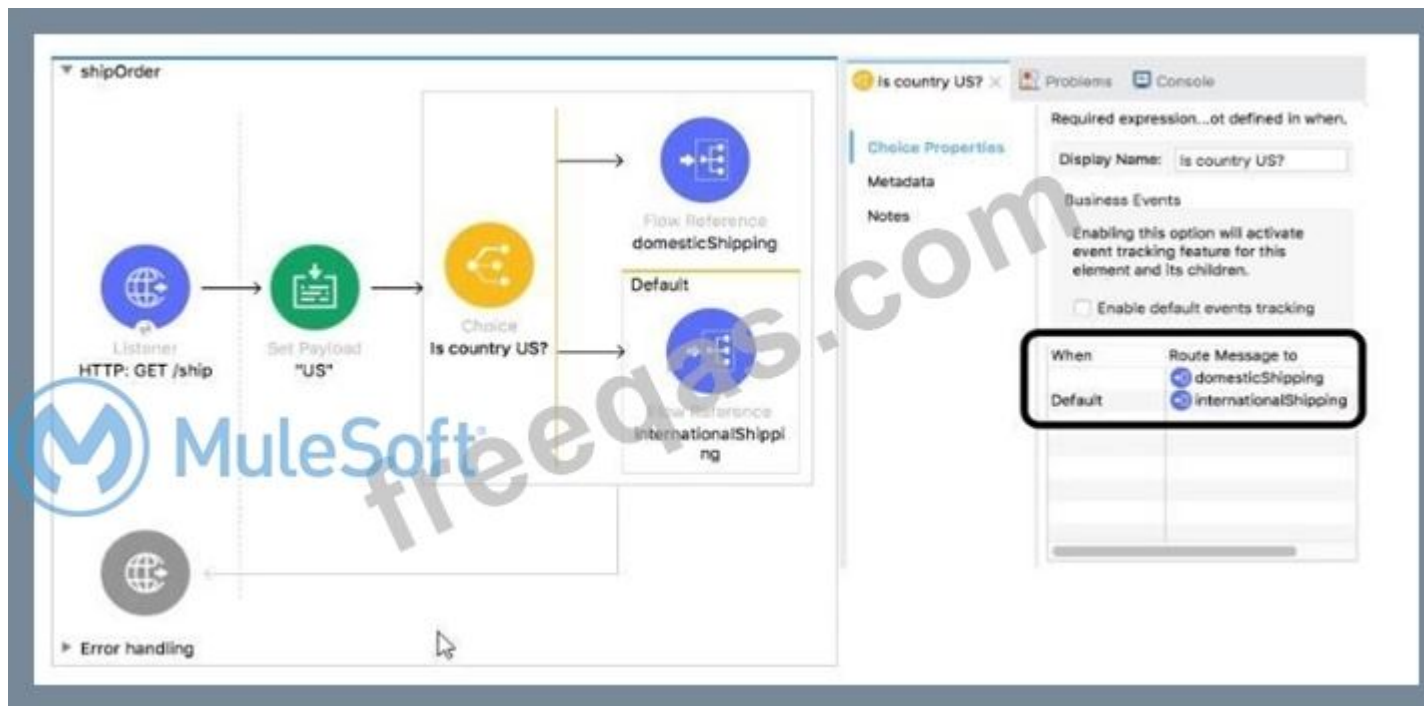
- A. `#[ payload = 'US' ]`
- B. `#[ payload == 'US' ]`
- C. `#[ if(payload = 'US') ]`
- D. `#[ if(payload == "US") ]`

**Answer: (SHOW ANSWER)**

Option 1 is the correct syntax

#### NEW QUESTION: 15

Refer to the exhibit.



What is a valid expression for the Choice router's when expression to route events to the domesticShipping flow?

- A. `#[ if(payload = 'US') ]`
- B. `#[ if(payload == "US") ]`
- C. `0#[ payload = 'US' ]`
- D. `#[ payload == 'US' ]`

**Answer: D (LEAVE A REPLY)**

#### NEW QUESTION: 16

Refer to the exhibits. In the color flow, both the variable named color and payload are set to "red". An HTTP POST request is then sent to the decideColor flow's HTTP Listener.

What is the payload value at the Logger component after the HTTP request completes?

▼ colorFlow



▶ Error handling

▼ DecisionMaker



### colorFlow



Error handling

### DecisionMaker



```
<flow name="colorFlow" doc:id="c08245d-7f64-41ec-b611-f3d55407a9c1" >
  <http:listener doc:name="Listener" doc:id="e0342e2c-504b-44c0-96e7-b356528215fb" config-ref="HTTP_Listener_config" path="/color"/>
    <set-variable value="red" doc:name="color to "red"" doc:id="8bc2c51f-b23b-4b5e-afc4-84c7f4a6e03f" variableName="color"/>
    <set-payload value="red" doc:name="to "red"" doc:id="8d7ee5b9-3a8f-461d-b1fd-9ea26f08701" />
    <http:request method="POST" doc:name="Request" doc:id="54725652-f25c-459c-d11b-75f551c6d4f5"
      config-ref="HTTP_Request_configuration" path="/decisionmaker"/>
    <logger level="INFO" doc:name="payload" doc:id="69c768e3-f169-469b-b60d-863f0d1428e5" message="#[payload]"/>
  </flow>
<flow name="DecisionMaker" doc:id="14f2a5e7-84f9-4171-891e-3d8ed16dd5e" >
  <http:listener doc:name="HTTP POST/decisionMaker" doc:id="b9199cd3-5106-40f9-84ca-b5a0b42f4532" config-ref="HTTP_Listener_config" path="/decisionmaker"/>
    <set-payload value="#[if (vars.color == null)'white' else 'blue']"
      doc:name="if color variable is null then white else blue" doc:id="9fb203c-d719-4856-9a56-ed989bf855ce" />
  </flow>
```

- A. white
- B. red

C. blue

D. Error message

**Answer: A (LEAVE A REPLY)**

Correct answer is white.

Key thing to note here is that variables are not available to the called flow when it is invoked using HTTP request.

So the flow goes like below

1) Color variable is set to red

2) Payload is set to red

3) Child flow is called using HTTP request which means variables are not available in called flow (They would have been if flow reference activity would have been used)

4) Hence set payload activity will set payload to white as color variable is null

5) Payload returned in main flow is white.

6) So finally output of logger is white

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#### **NEW QUESTION: 17**

A

web client submits a request to `http://localhost:8081/books/0471767840`. The value "0471767840" is captured by a Set Variable transformer to a variable named bookISBN.

What is the DataWeave expression to access bookISBN later in the flow?

A. `attributes.bookISBN`

B. `bookISBN`

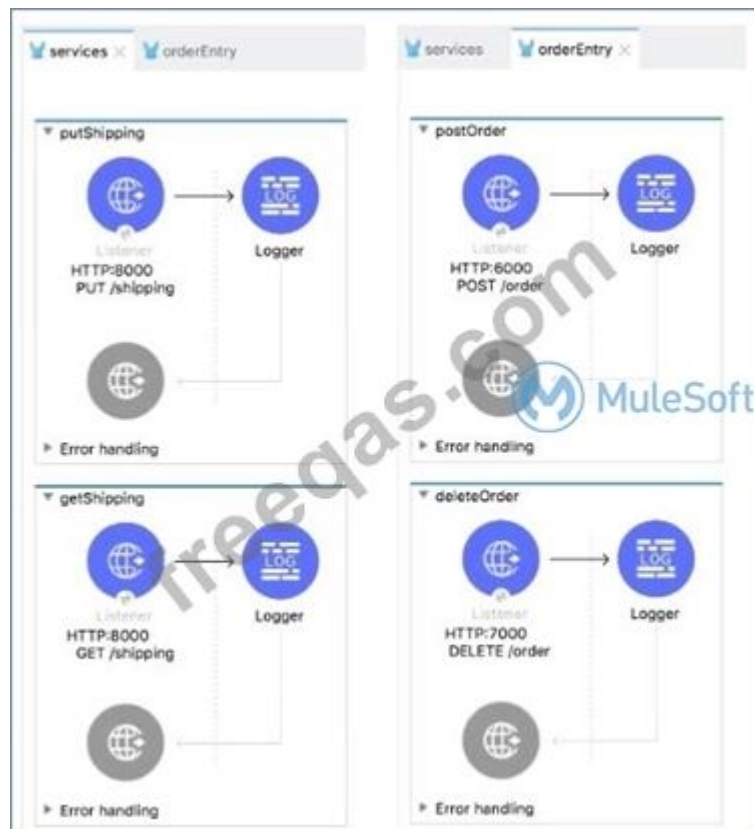
C. `flowVars.bookISBN`

D. `vars. bookISBN`

**Answer: C (LEAVE A REPLY)**

#### **NEW QUESTION: 18**

Refer to the exhibits.



The two Mule configuration files belong to the same Mule project. Each HTTP Listener is configured with the same host string and the port number, path, and operation values are shown in the display names.

What is the minimum number of global elements that must be defined to support all these HTTP Listeners?

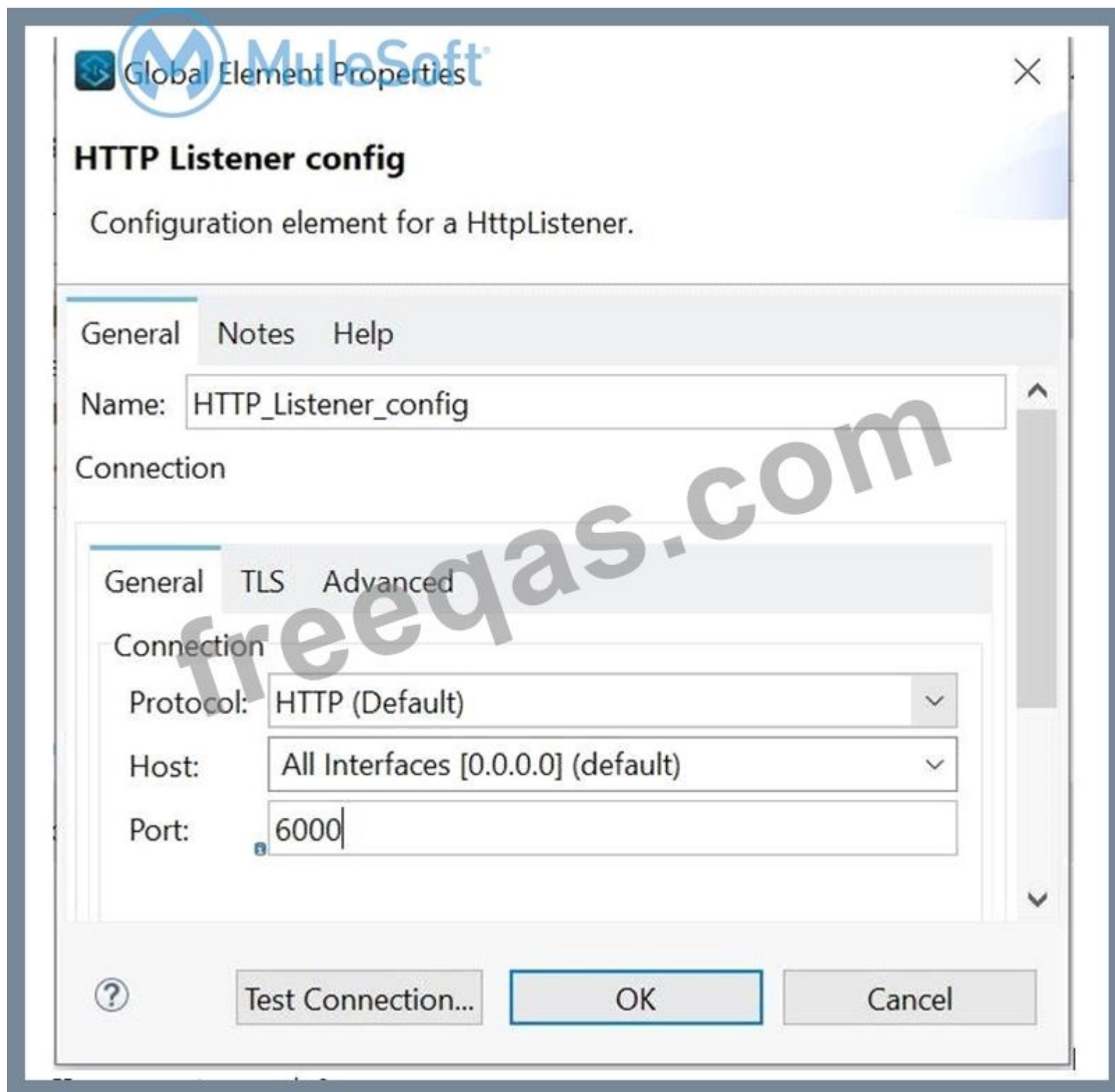
- A. 1
- B. 2
- C. 3
- D. 4

**Answer: (SHOW ANSWER)**

In this case three configurations will be required each for port 8000, 6000 and 7000.

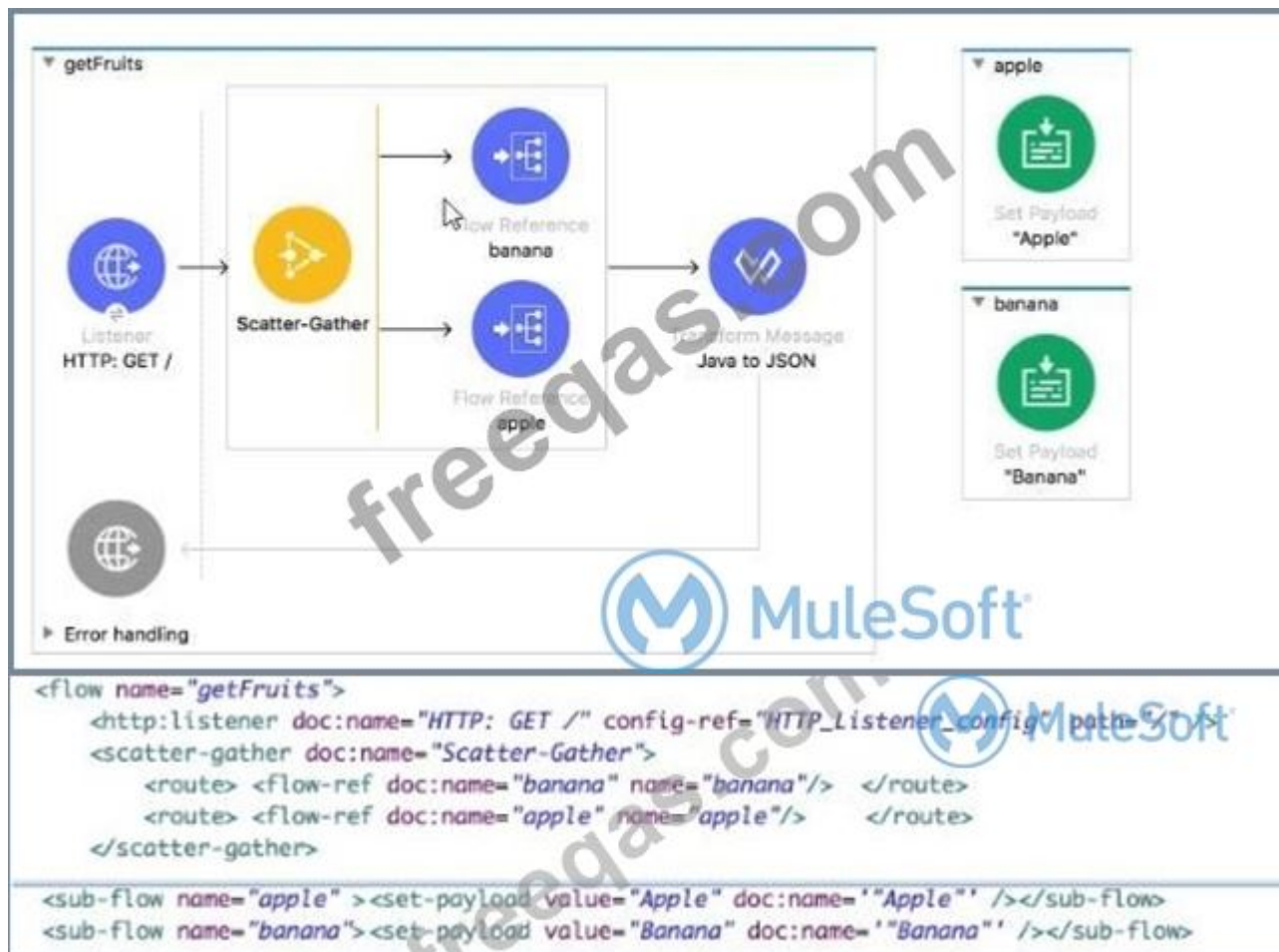
There would be three global elements defined for HTTP connections.

Each HTTP connection will have host and port. One example shown below with host as localhost and port 6000



**NEW QUESTION: 19**

Refer to the exhibits.



A web client submits a request to `http://localhost:8081`. What is the structure of the payload at the end of the flow?

A)

```
['Banana', 'Apple']
```

B)

```
{
  "0": "Banana",
  "1": "Apple"
}
```

C)

```
{
  "attributes": ...,
  "payload": ['Banana','Apple']
}
```

D)

```

{
  "0": {
    "attributes": ...,
    "payload": "Banana"
  }
  "1": {
    "attributes": ...,
    "payload": "Apple"
  }
}

```

- A. Option C
- B. Option B
- C. Option D
- D. Option A

Answer: D (LEAVE A REPLY)

**NEW QUESTION: 20**

Refer to the exhibits.



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

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

Answer: D (LEAVE A REPLY)

**NEW QUESTION: 21**

A Utility.dwl file is located in a Mule project at src/main/resources/modules. The Utility.dwl file defines a function named pascalize that reformats strings to pascal case.

What is the correct DataWeave to call the pascalize function in a Transform Message component?

A)

```
Ⓜ MuleSoft  
%dw 2.0  
output application/json  
import modules.Utility  
---  
pascalize( "max mule" )
```

B)

```
Ⓜ MuleSoft  
%dw 2.0  
output application/json  
import modules:Utility  
---  
pascalize( "max mule" )
```

C)

```
Ⓜ MuleSoft  
%dw 2.0  
output application/json  
import modules:Utility  
---  
Utility:pascalize( "max mule" )
```

D)

```
Ⓜ MuleSoft  
%dw 2.0  
output application/json  
import modules:Utility  
---  
Utility.pascalize( "max mule" )
```

A. Option A

B. Option B

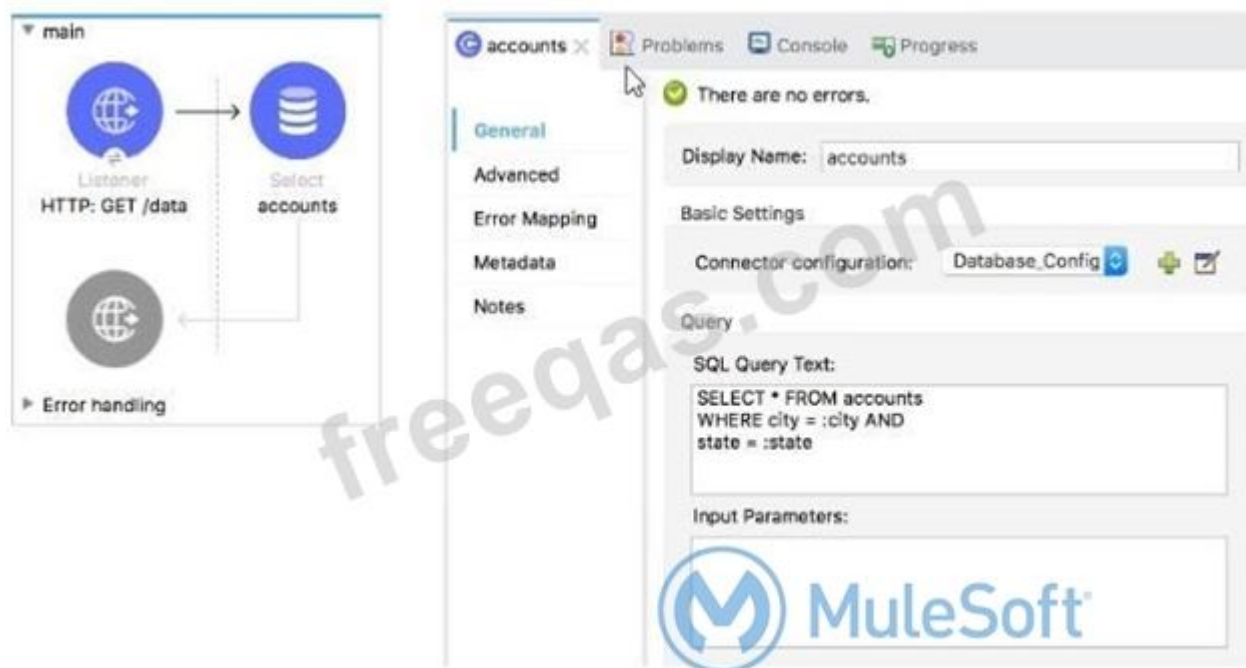
C. Option D

D. Option C

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 22**

Refer to the exhibit.



What expression correctly specifies input parameters to pass the city and state values to the SQL query?

A)

```
#[
  {
    city: "San Francisco",
    state: "CA"
  }
]
```

B)

```
#[
  [
    "San Francisco",
    "CA"
  ]
]
```

C)

```
#[
  inputParams: {
    city: "San Francisco",
    state: "CA"
  }
]
```

D)

```
#[
  inputParams: [
    "San Francisco",
    "CA"
  ]
]
```

A. Option B

B. Option A

C. Option D

D. Option C

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 23**

As a part of project requirement , you want to build an API for a legacy client. Legacy client can only consume SOAP webservice. Which type the interface documentation can be prepared to meet the requirement?

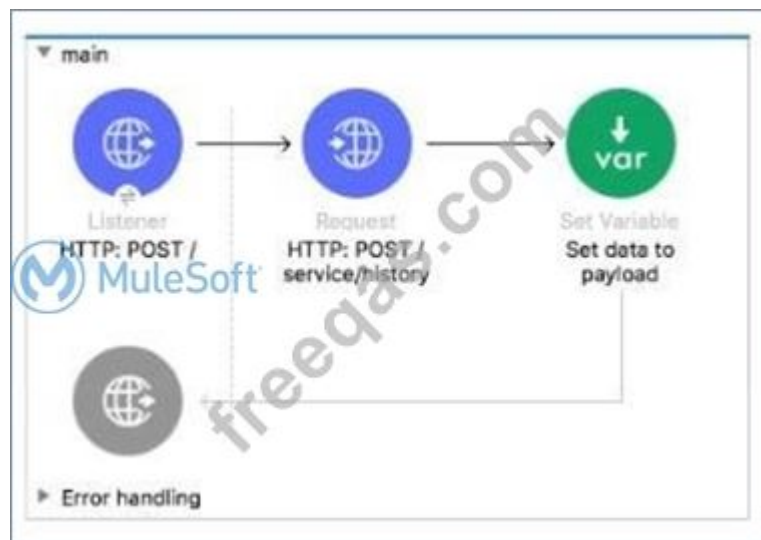
- A. RAML file to define SOAP services
- B. WSDL file
- C. JSON file
- D. plain text file documenting API's

**Answer: B (LEAVE A REPLY)**

Web Services Description Language. WSDL is used to describe SOAP based web services

**NEW QUESTION: 24**

Refer to the exhibit.



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

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

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 25**

What are the latest specification of RAML available?

- A. 1.2
- B. 1
- C. 0.8
- D. 2

**Answer: B (LEAVE A REPLY)**

The current version of the RAML specification is 1.0

You can check RAML version in RAML definition by referring to first comment. See highlighted part in below image.

```

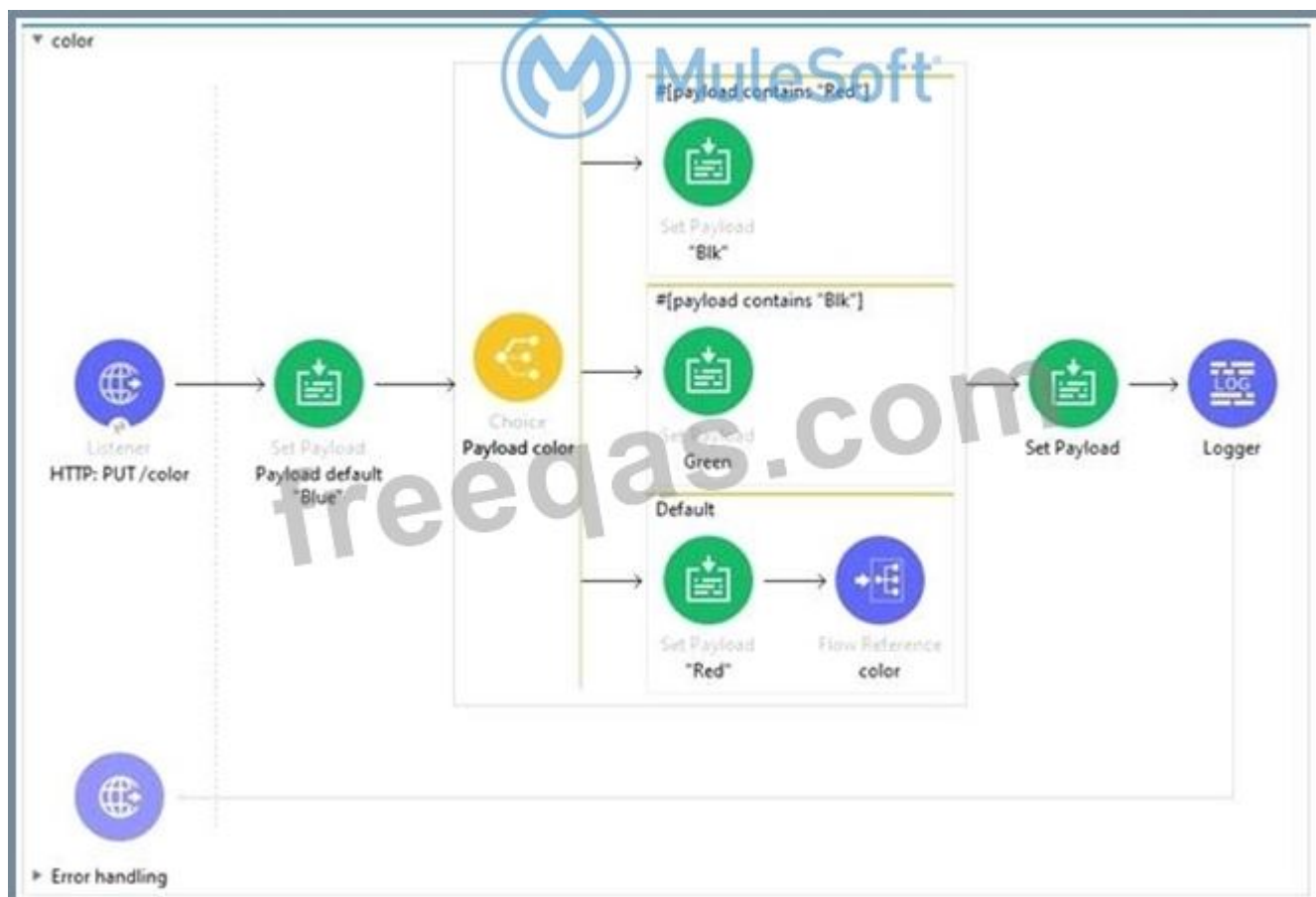
1  #%RAML 1.0
2  title: American Flights API
3
4  types:
5  |   AmericanFlight: !include /exchange_modules/68ef9520-24e9-4cf2-b2f5-
6  |   training-american-flight-data-type/1.0.1/AmericanFlightDataType.raml
7  traits:

```



### NEW QUESTION: 26

Refer to the exhibit.



The default scope in choice router recursively calls the color flow.

A web client sends a PUT request to the HTTP listener with payload Blue.

What response is returned to the web client?

- A. "Blk"
- B. "Green"

C. A timeout error

D. ["Blue", "Red", "Blk"]

**Answer: A (LEAVE A REPLY)**

Sequence can be described as follows.

\* When web client sends the request , it sends payload as Blue (mentioned in question)

\* In first iteration this will go to default choice , which sets payload to Red

\* Via default route , flow will call itself with payload as Red

\* In second iteration , as payload is Red , it will go to first route in choice router which will set payload to Blk and second iteration will end returning back payload as Blk to first iteration.

\* This Blk will be again set to payload and first iteration will end returning back response as Blk

### NEW QUESTION: 27

What is the correct syntax to define and call a function in Database?

A)

```
fun addKV( object: Object, key: String, value: Any ) =
    object ++ { (key):value }
---
addKV ( {hello: "world"}, "hola","mundo" )
```

B)

```
%function addKV( object: Object, key: String, value: Any ) =
    object ++ { (key):value }
---
addKV ( {hello: "world"}, "hola","mundo" )
```

C)

```
%function addKV( object: Object, key: String, value: Any ) =
    object ++ { (key):value }
---
{ hello: "world" } addKV ( "hola","mundo" )
```

D)

```
fun addKV( object: Object, key: String, value: Any ) =
    object ++ { (key):value }
---
{ hello: "world" } addKV ( "hola","mundo" )
```

A. Option A

B. Option C

C. Option D

D. Option B

**Answer: A (LEAVE A REPLY)**

### NEW QUESTION: 28

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

**Answer: B (LEAVE A REPLY)**

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

### NEW QUESTION: 29

Refer to the exhibit.



What is the response to a web client request to http://localhost:8081?

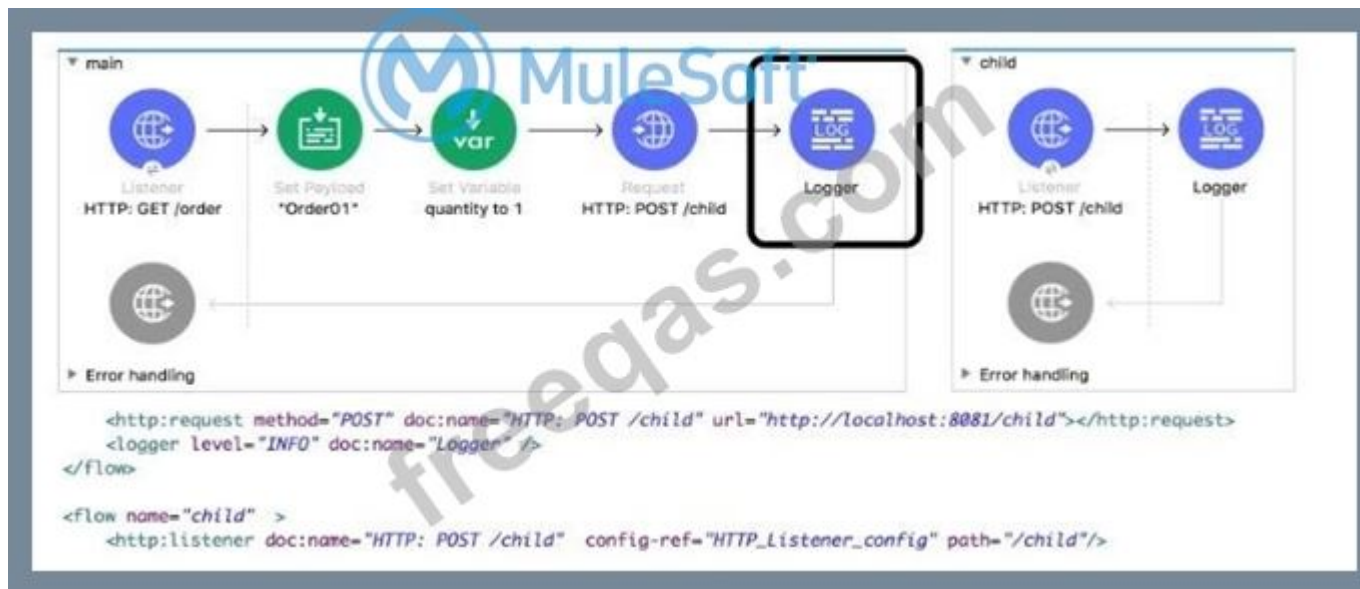
- A. After
- B. null
- C. before
- D. Validation Error

**Answer: (SHOW ANSWER)**

### NEW QUESTION: 30

Refer to the exhibit. The main flow contains an HTTP Request in the middle of the flow. The HTTP Listeners and HTTP request use default configurations.

What values are accessible to the Logger at the end of the flow after a web client submit request to http://local:801/order?color=red?



- A. payload color query param
  - B. payload quantity var color query param
  - C. payload
  - D. payload quantity var
- Answer: (SHOW ANSWER)

### NEW QUESTION: 31

Refer to the exhibit.



The API needs to be updated using the company-wide standard for the Plan data type. The Object data type has already been published in Anypoint Exchange with the global reference . ACME/DataTypes/PlanDataType.raml.

What is a valid RAML specification that reuses the Plan data type?

A)

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

dataTypes:
  Plan: !include ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !include ACME/Examples/PlanExamples.raml
```

B)

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

types:
  Plan: !reference ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !reference ACME/Examples/PlanExamples.raml
```

C)

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

dataTypes:
  Plan: !reference ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !reference ACME/Examples/PlanExamples.raml
```

D)

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

types:
  Plan: !include ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !include ACME/Examples/PlanExamples.raml
```

A. Option A

- B. Option B
- C. Option C
- D. Option D

**Answer: D (LEAVE A REPLY)**

As can be seen in RAML, POST expects input in application/json format which eliminates two of the options as two options are in xml format.

Now out of the two remaining options, one has id field in request which is only mentioned for get response and not for POST request. Hence id field is not expected in POST request.

Hence correct answer is

```
{
"name": "GoerdiLa Forge",
"address": "1 Westland CA",
"customer_since": "2014-01-04",
"balance": "4829.29",
"bank_agend_id": "12556"
}
```

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### NEW QUESTION: 32

Refer to the exhibit.

```
#XRAML 1.0
title: Accounts API
version: 1.0

/accounts:
  get:
    description: Get all accounts
    responses:
      200:
        body:
          application/json:
            example:
              id: "48292"
              name: Geordi La Forge
              address: 1 Forge Way, Midgard, CA 95928
              customer_since: "2014-01-04"
              balance: 4829.29
  post:
    description: Create an account
    body:
      application/json:
        example:
          name: Geordi La Forge
          address: 1 Forge Way, Midgard, CA 95928
```

What data is expected by the POST /accounts endpoint?

A)

```
{
  "id": "48292",
  "name": "Geordi La Forge",
  "address": "1 Forge Way, Midgard, CA 95928",
  "customer_since": "2014-01-04",
  "balance": 4829.29
}
```

B)

```
<item>
  <id>48292</id>
  <name>Geordi La Forge</name>
  <address>1 Forge Way, Midgard, CA 95928</address>
  <customer_since>2014-01-04</customer_since>
  <balance>4829.29</balance>
</item>
```

C)

```
<item>
  <name>Geordi La Forge</name>
  <address>1 Forge Way, Midgard, CA 95928</address>
  <customer_since>2014-01-04</customer_since>
  <balance>4829.29</balance>
  <bank_agent_id>48-SJT-282924-KL</bank_agent_id>
</item>
```

D)

```
{
  "name": "Geordi La Forge",
  "address": "1 Forge Way, Midgard, CA 95928",
  "customer_since": "2014-01-04",
  "balance": 4829.29
  "bank_agent_id": "48-SJT-282924-KL"
}
```

A. Option A

B. Option C

C. Option D

D. Option B

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 33**

Refer to the exhibits.



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

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

**Answer:** (SHOW ANSWER)

#### NEW QUESTION: 34

An API implementation has been deployed to CloudHub and now needs to be governed. IT will not allocate additional vCore for a new Mule application to act as an API proxy.

What is the next step to preserve the current vCore usage, but still allow the Mule application to be managed by API Manager?

- A. Register the same API implementation in Runtime Manager to connect to API Manager
- B. Modify the API implementation to use auto-discovery to register with API Manager
- C. Upload the Mule application's JAR file to the API instance in API Manager
- D. Deploy the same API implementation behind a VPC and configure the VPC to connect to API Manager

**Answer:** (SHOW ANSWER)

Correct answer is Modify the API implementation to use auto-discovery to register with API Manager API Autodiscovery Configuring autodiscovery allows a deployed Mule runtime engine (Mule) application to connect with API Manager to download and manage policies and to generate analytics data. Additionally, with autodiscovery, you can configure your Mule applications to act as their own API proxy.

When autodiscovery is correctly configured in your Mule application, you can say that your application's API is tracked by (green dot) or paired to API Manager. You can associate an API in a Mule setup with only one autodiscovery instance at a given time.

MuleSoft Doc Ref : <https://docs.mulesoft.com/api-manager/2.x/api-auto-discovery-new-concept>

### NEW QUESTION: 35

Refer to the exhibit.

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

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            example: |
              [
                {
                  "plan_type": "Super Saver 500",
                  "plan_details": "all-inclusive",
                  "monthly_discount": 0.10
                },
                {
                  "plan_type": "Business Plus 1000",
                  "plan_details": "business package",
                  "monthly_discount": 0.20
                }
              ]
```

The API needs to be updated using the company-wide standard for the Plan data type. The Object data type has already been published in Anypoint Exchange with the global reference .

ACME/DataTypes/PlanDataType.raml.

What is a valid RAML specification that reuses the Plan data type?

A)

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

dataTypes:
  Plan: !include ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !include ACME/Examples/PlanExamples.raml
```

B)

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

types:
  Plan: !reference ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !reference ACME/Examples/PlanExamples.raml
```

C)

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

dataTypes:
  Plan: !reference ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !reference ACME/Examples/PlanExamples.raml
```

D)

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

types:
  Plan: !include ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !include ACME/Examples/PlanExamples.raml
```

- A. Option C
- B. Option B
- C. Option D
- D. Option A

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 36

Refer to the exhibit.

The error occurs when a project is run in Anypoint Studio. The project, which has a dependency that is not in the MuleSoft Maven repository, was created and successfully run on a different computer.

What is the next step to fix the error to get the project to run successfully?

```
[WARNING] The POM for com.mulesoft.training:mock-servers:jar:1.1.2 is missing, no dependency information available
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 0.253 s
[INFO] Finished at: 2018-06-14T10:52:39-07:00
[INFO] Final Memory: 190M/867M
[INFO] -----
[ERROR] Failed to execute goal on project app-server: Could not resolve dependencies for project com.mycompany:app-server:mule-application:1.0.0-SNAPSHOT: Failure to find com.mulesoft.training:mock-servers:jar:1.1.2 in https://repository.mulesoft.org/nexus-ee/content/repositories/releases-ee/ was cached in the local repository, resolution will not be reattempted until the update interval of MuleRepository has elapsed or updates are forced -> [Help 1]
```

- A. Deploy the dependency to MuleSoft's Maven repository
- B. Add the dependency to the MULE\_HOME/bin folder
- C. Edit the dependency in the Mule project's pom.xml file
- D. Install the dependency to the computer's local Maven repository

Answer: D ([LEAVE A REPLY](#))

### NEW QUESTION: 37

Refer to the exhibits.

```
db:
  host: "mudb.learn.mulesoft.com"
  username: "mule"
  password: "mule"
```

What is valid text to set the field in the Database connector configuration to the username value specified in the config.yaml file?

- A. \${db.username}>
- B. #[db.username]
- C. \${db:username}>
- D. #[db:username]

Answer: A ([LEAVE A REPLY](#))

### NEW QUESTION: 38

Refer to the exhibits. APIKit router is used to generate the flow components for RAML specification.

The Mule application must be available to REST clients using the two URL's

http://localhost:8081/internal and http://localhost:8081/external

How many APIKit Router components are generated to handle requests to every endpoint defined in RAML specification?

- 1. Library.raml
- 2. /books

3. get:
  4. post:
  5. /order:
  6. get
  7. patch
  8. /members
  9. get:
- A. 1  
B. 2  
C. 3  
D. 5

**Answer: A (LEAVE A REPLY)**

Correct answer is 5 as APIkit for REST generates a backend flow for each resource-action pairing in a RAML file.

MuleSoft Doc Ref : <https://docs.mulesoft.com/mule-runtime/4.2/build-application-from-api>

**NEW QUESTION: 39**

Refer to the exhibit. The main flow contains an HTTP Request in the middle of the flow. The HTTP Listeners and HTTP request use default configurations.

What values are accessible to the Logger at the end of the flow after a web client submit request to <http://local:801/order?color=red?>



- A. payload color query param  
B. payload  
C. payload quantity var color query param  
D. payload quantity var

**Answer: D (LEAVE A REPLY)**

**NEW QUESTION: 40**

A flow has a JMS Publish consume operation followed by a JMS Publish operation. Both of these operations have the default configurations. Which operation is asynchronous and which one is synchronous?

- A. Publish consume: Synchronous. Publish: Asynchronous.
- B. Publish consume: Asynchronous. Publish: Synchronous
- C. Publish consume: Asynchronous. Publish: Asynchronous
- D. Publish consume: Synchronous. Publish: Synchronous

**Answer: A (LEAVE A REPLY)**

Publish consume: Synchronous. Publish: Asynchronous.

**NEW QUESTION: 41**

What is the trait name you would use for specifying client credentials in RAML?

- A. headers
- B. client-id
- C. client-id-required
- D. cannot be specified in RAML

**Answer: C (LEAVE A REPLY)**

client-id-required enforces clients to add client\_id and client\_secret.

Please refer to below steps.

Add a section called traits: at the root level to define query parameters:

traits:

- client-id-required:

queryParameters:

client\_id:

type: string

client\_secret:

type: string

2) Reference the trait in each of the methods to specify that each of the methods require these query parameters. After each method in the RAML file, add is: [client-id-required]. For example:

/users:

get:

is: [client-id-required]

description: Gets a list of JSONPlaceholder users.

**NEW QUESTION: 42**

What is the purpose of the api:router element in APIkit?

- A. Creates native connectors using a 3rd party Java library
- B. Serves as an API implementation
- C. Validates requests against RAML API specifications and routes them to API implementations
- D. Validates responses returned from API requests and routes them back to the caller

**Answer: (SHOW ANSWER)**

The APIkit Router is a key message processor that validates requests against the provided definition, enriches messages (for example by adding default values to the messages) and routes requests to a particular flow. Also, the Router raises error messages if errors occur while routing, validating or processing the user request.

**NEW QUESTION: 43**

What does C4E stand for in MuleSoft recommended IT operating model?

- A. Centre for Empowerment
- B. Centre for Engagement
- C. Centre for Enablement
- D. Centre for Excellence

**Answer:** [\(SHOW ANSWER\)](#)

Centre for Enablement (C4E) is an IT operating model that enables an enterprise to build reusable assets, accumulate APIs, leverage best practices and knowledge to enable self service and efficient delivery in the organization and implement new solutions faster

**NEW QUESTION: 44**

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.

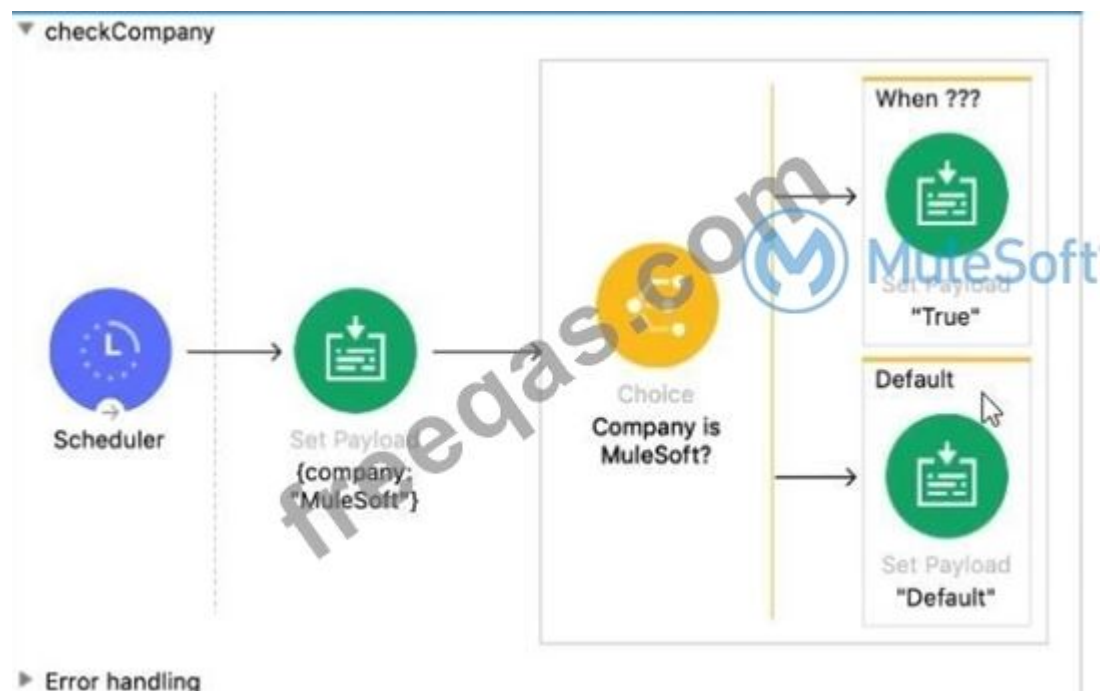
According to MuleSoft, what organization structure could have saved the app team two months of development time?

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

**Answer:** [\(SHOW ANSWER\)](#)

**NEW QUESTION: 45**

Refer to the exhibits.



► Error handling

```
<flow name="checkCompany">
  <scheduler doc:name="Scheduler">
    <scheduling-strategy>
      <fixed-frequency frequency="5000" />
    </scheduling-strategy>
  </scheduler>
  <set-payload value='#[{company: "MuleSoft"}]' doc:name='{company: "MuleSoft"}' />
  <choice doc:name="Company is MuleSoft?">
    <when expression="When ???">
      <set-payload value='#["True"]' doc:name="'True"' />
    </when>
    <otherwise>
      <set-payload value='#["Default"]' doc:name="'Default"' />
    </otherwise>
  </choice>
</flow>
```

The <when> expression for the Choice router needs to be written.

What is a valid <when> expression to route Mule events to the non-default flow?

- A. #[ if( company = "MuleSoft") ]
- B. #[ company = "MuleSoft" ]
- C. #[ if( 'MuleSoft' == payload.company) ]
- D. #[ 'MuleSoft' == payload.company ]

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 46**

To avoid hard-coding values, a flow uses some property placeholders and the corresponding values are stored in a configuration file.

Where does the configuration file's location need to be specified in the Mule application?

- A. The pom.xml file
- B. A global element
- C. The mule-artifact.json file
- D. a flow attribute

**Answer: (SHOW ANSWER)**

Correct answer is A global element

When we create a configuration file , that file needs to added as Global Configuration file in Global element. A global element is a reusable object containing parameters that any number of elements in a flow can share. You reference a global element from Anypoint Connectors or components in your Mule application

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**NEW QUESTION: 47**

Which of the below is not a valid category for connector type?

- A. Gold
- B. Select
- C. Premium
- D. Community

**Answer: (SHOW ANSWER)**

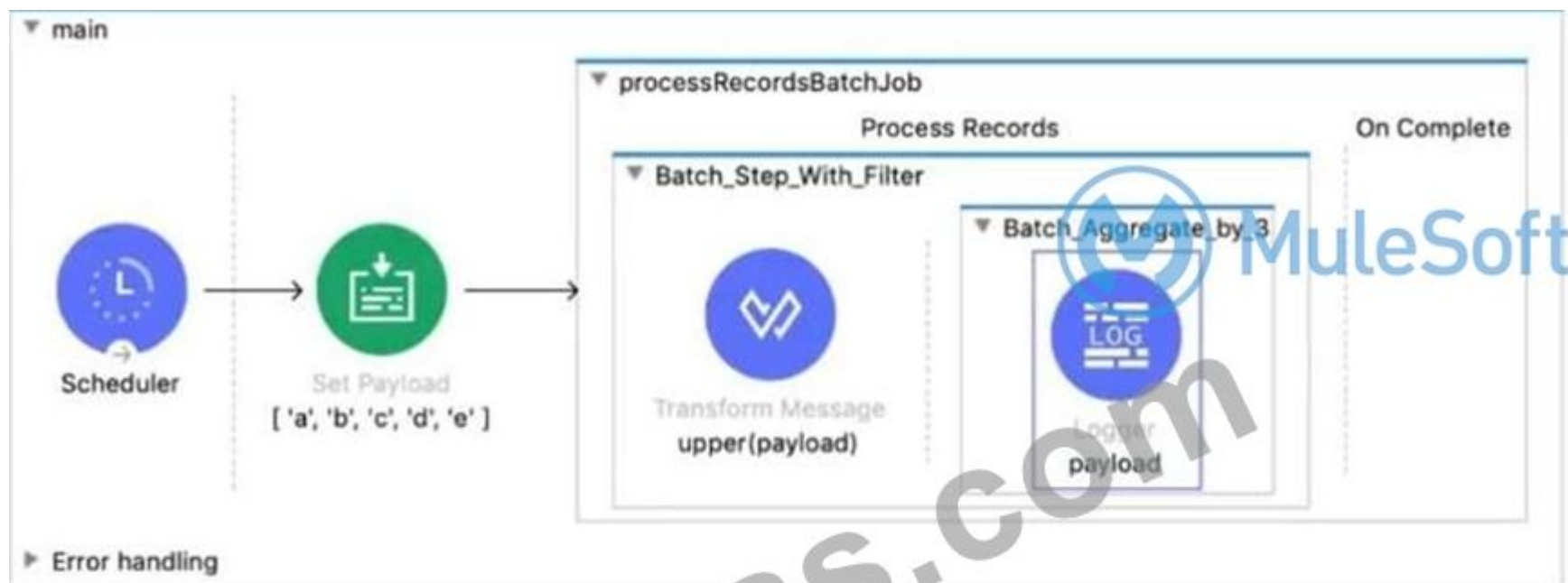
Gold is not valid category for connector types.

MuleSoft Doc Ref : <https://docs.mulesoft.com/mule-runtime/3.7/anypoint-connectors#connector-support-categories>

Type	Description
Community	MuleSoft or members of the MuleSoft community write and maintain the Community connectors. Connectors built by the community or MuleSoft are generally open-source, although each package may vary. Partner-built connectors may not be open-source. Contact the partner directly for more information. You do not need any special account or license to use a Community connector.
MuleSoft Certified	For MuleSoft Certified connectors are developed by MuleSoft's partners and developer community and are reviewed and certified by MuleSoft. For support, customers should contact the MuleSoft partner that created the MuleSoft Certified connector.
Select	MuleSoft maintains Select connectors. Connectors included in the open source Mule distribution can be used by everyone, however support is only included in an Anypoint Platform subscription. To use all other Select Connectors and access support, you must have an active Anypoint Platform subscription.
Premium	MuleSoft maintains Premium connectors; you must have an active CloudHub Premium plan or an Enterprise subscription with an entitlement for the specific connector you wish to use.

**NEW QUESTION: 48**

Refer to the exhibits.



```

cflow name="main" >
  <scheduler doc:name="Scheduler" > <scheduling-strategy >
    <fixed-frequency frequency="10000"/> </scheduling-strategy> </scheduler>
  <set-payload value="#[['a', 'b', 'c', 'd', 'e']]" doc:name="['a', 'b', 'c', 'd', 'e']" />
  <batch:job jobName="processRecordsBatchJob" >
    <batch:process-records >
      <batch:step name="Batch_Step_With_Filter"
        acceptExpression="#[not (payload contains 'b')] >
      <ee:transform doc:name="upper(payload)"> <ee:message >
        <ee:set-payload ><![CDATA[%dw 2.0
          output application/json
          ---
          upper(payload)]]></ee:set-payload>
      </ee:message></ee:transform>
      <batch:aggregator doc:name="Batch_Aggregate_by_3" size="3">
        <logger level="INFO" doc:name="payload"
          message="#[output application/json --- payload]"/>
      </batch:aggregator>
    </batch:step>
  </batch:process-records>
</batch:job>
</flow>

```

The input array of strings is processed by the batch job that processes, filters, and aggregates the values. What is the last message logged by the Logger component after the batch job completes processing?

- A. ["D", "E"]
- B. ["A", "C", "D", "E"]
- C. [{"A", "C", "D"}, {"E"}]
- D. ["E"]

**Answer: D (LEAVE A REPLY)**

#### NEW QUESTION: 49

In an application network. If the implementation but not the interface of a product API changes, what needs to be done to the other APIs that consume the product API?

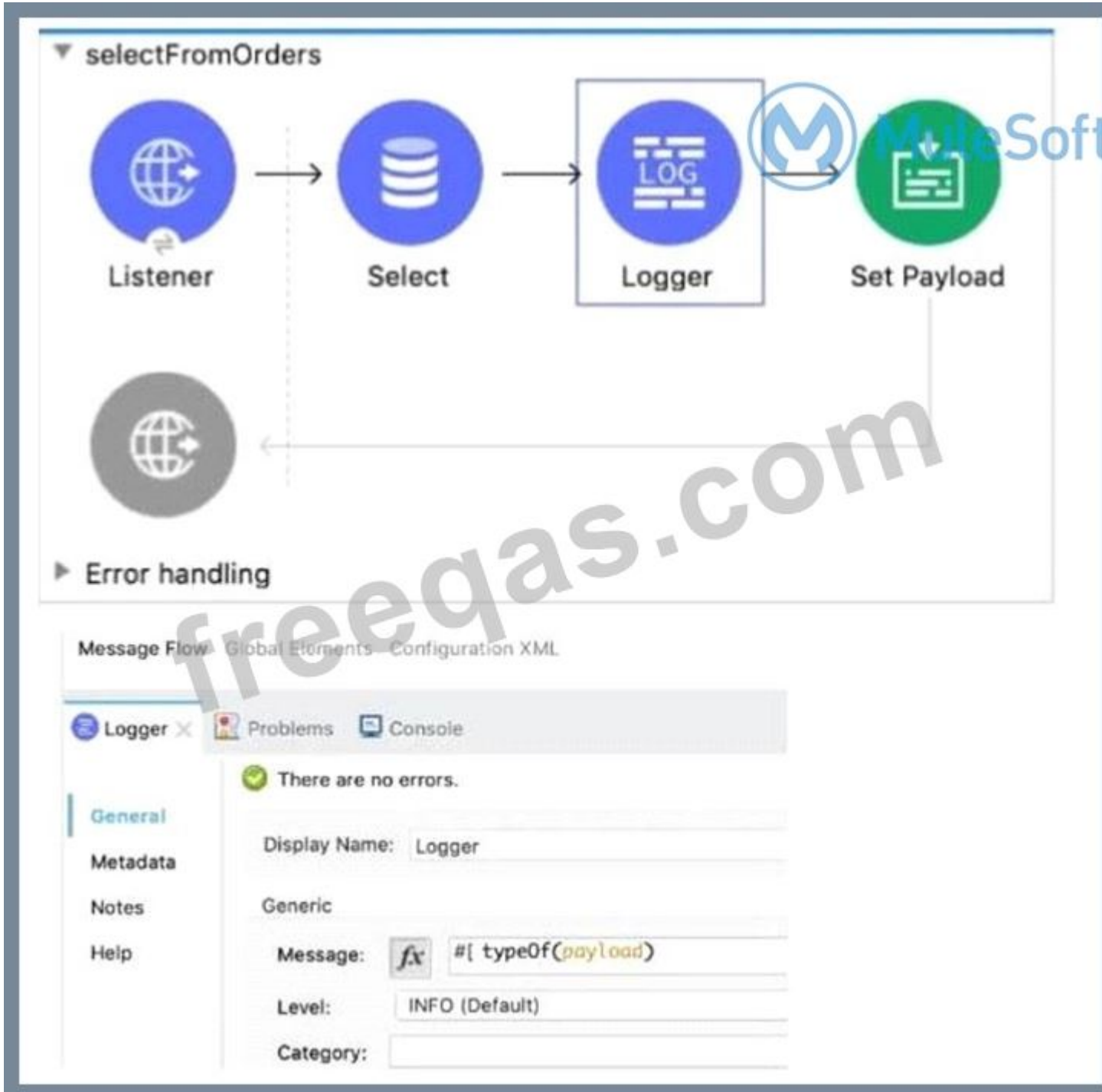
- A. Nothing needs to be changed in the other APIs or their associated applications
- B. The applications associated with the other APIs must be recoded
- C. The other APIs must be updated to consume the updated product API

D. The applications associated with the other APIs must be restarted

Answer: A ([LEAVE A REPLY](#))

### NEW QUESTION: 50

Refer to the exhibit. What is the output of logger component?



- A. String
- B. Object
- C. Array
- D. Map

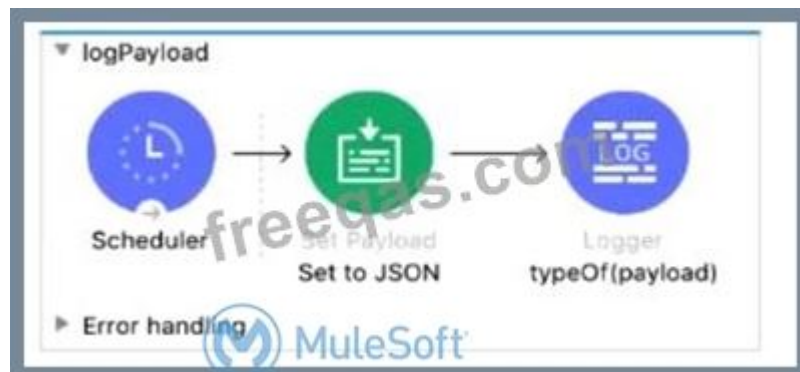
Answer: C ([LEAVE A REPLY](#))

Database always return rows as an array.

Array is the correct answer

### NEW QUESTION: 51

Refer to the exhibits.



```
<flow name="logPayload" >
  <scheduler doc:name="Scheduler" >
    <scheduling-strategy >
      <fixed-frequency />
    </scheduling-strategy>
  </scheduler>
  <set-payload doc:name="Set to JSON" value='#[{
    "accounts": {
      "account": {
        "accountName": "ABC Widgets",
        "type": "New Customer",
        "stage": "Qualification"
      }
    }
  }]' />
  <logger level="INFO" doc:name="typeOf(payload)" message="#[typeOf(payload)]" />
</flow>
```

A JSON payload is set in the Set Payload transformer.

What is logged by the Logger?

- A. "Object"
- B. "Array"
- C. "JSON"
- D. "String"

**Answer: A (LEAVE A REPLY)**

### NEW QUESTION: 52

Mule application contains ActiveMQ JMS dependency. Mule application was compiled and run successfully in Anypoint Studio. The mule application must now be exported from Anypoint Studio and shared with other developer. What export options should be selected to create the smallest JAR file that can be imported into other developer's Anypoint Studio and run successfully?

- A. Select only Attach Project Sources only
- B. Select both Attach Project Sources and Include project modules and dependencies option
- C. Select the Include project modules and dependencies option only
- D. De-select both Attach Project Sources and Include project modules and dependencies option

**Answer: A (LEAVE A REPLY)**

Correct answer is Select only Attach Project Sources only

You must keep the Attach Project Sources option selected to be able to import the packaged JAR file back into a Studio workspace.

Deselect the Include project modules and dependencies option.

This option skips bundling the actual modules and external dependencies required to run the Mule application in a Mule runtime engine, creating a lightweight JAR file package that does not include any dependencies specified in the Mule application's pom.xml file.

The generated JAR file is not a functional deployable archive and cannot be deployed to a Mule runtime engine, but instead offers a way to archive only the source files that make up the Mule application. This is the same as using the `-lightWeightPackage` flag when packaging using the Mule Maven Plugin and is useful if you want to distribute your project to other Studio installations because it only keeps a reference to all its dependencies. When you import a lightweight package into Studio, all your dependencies are automatically downloaded

MuleSoft Doc Ref : <https://docs.mulesoft.com/studio/7.8/import-export-packages>

### NEW QUESTION: 53

Refer to the exhibits.

A web client sends sale data in a POST request to the Mule application. The Transform Message component then enrich the payload by prepending a vendor name to the sale data.

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

The screenshot displays the Mule Studio interface. On the left, an XML payload is shown: 

```
<?xml version="1.0" encoding="UTF-8"?>
<sale>
  <transaction_id>SS-4848-44KK-45YQ</transaction_id>
  <customer_id>anniepoint@acme.com</customer_id>
  <customer>Annie Point</customer>
  <item>Car Seat</item>
  <qty>1</qty>
  <price>59</price>
</sale>
```

The central diagram shows a flow named 'writeRecords' with three components: 'Listener: HTTP: POST /sales', 'Transform Message: Add vendor name', and 'Write: File: sales.csv'. An 'Error handling' component is also visible below the main flow.

The right side shows the XML configuration for the flow: 

```
<flow name="writeRecords" >
  <http:listener doc:name="HTTP: POST /sales" config-ref="HTTP_Listener_config"
    path="/sales" allowedMethods="POST"/>
  <ee:transform doc:name="Add vendor name" >
    <ee:message >
      <ee:set-payload ><![CDATA[%dw 2.0
        output application/json
        ---
        {vendor: "Acme"} ++ payload.sale]]>
      </ee:set-payload>
    </ee:message>
  </ee:transform>
  <file:write doc:name="File: sales.csv" path="file-store/sales.csv">
  </file:write>
</flow>
```

- A. The enriched payload in XML format
- B. The enriched payload in JSON format
- C. The enriched payload in CSV format
- D. An error message

Answer: (SHOW ANSWER)

#### NEW QUESTION: 54

A flow needs to combine and return data from two different data sources. It contains a Database SELECT operation followed by an HTTP Request operation.

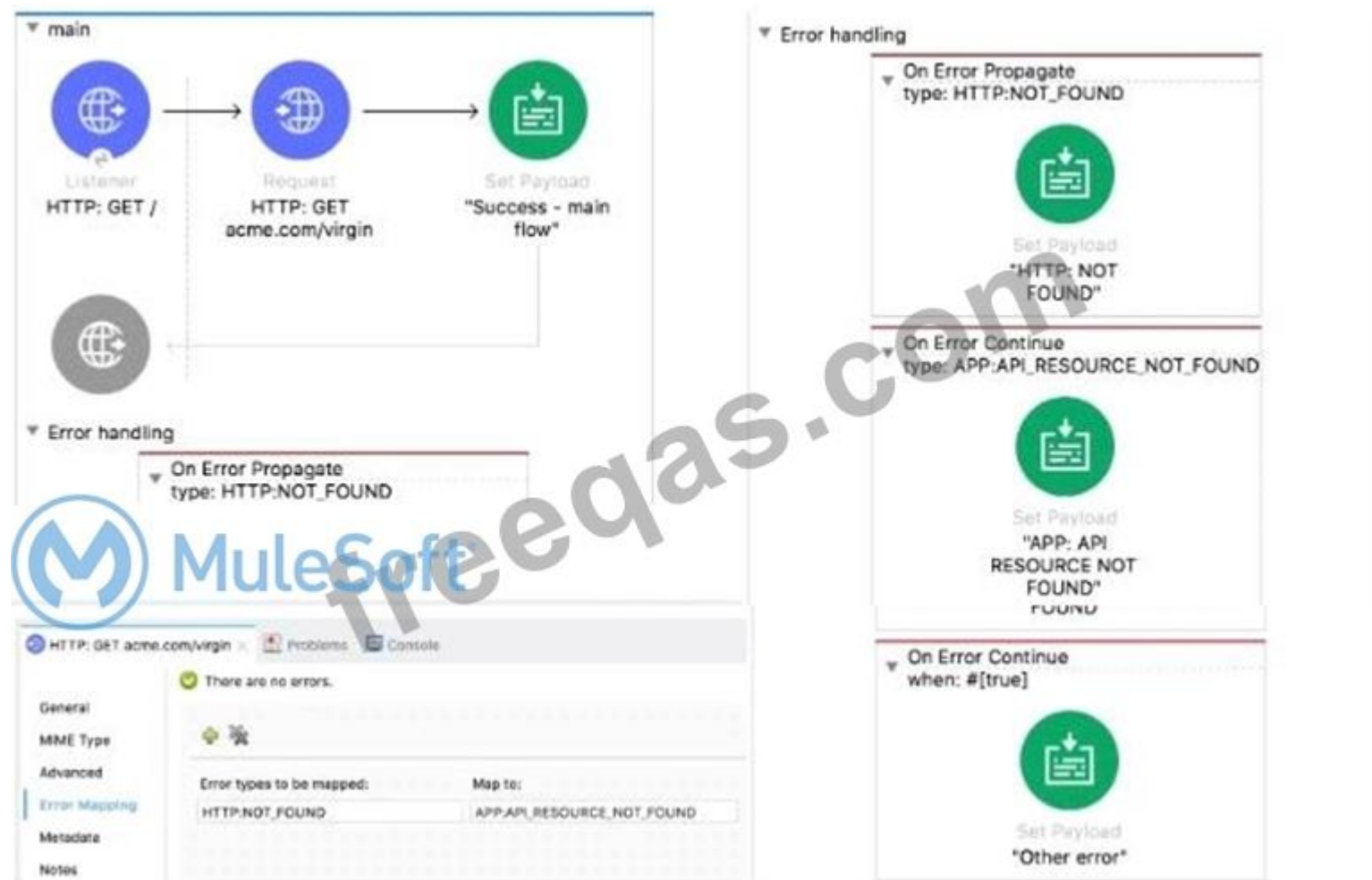
What is the method to capture both payloads so the payload from the second request does not overwrite that from the first?

- A. Save the payload from the Database SELECT operation to a variable
- B. Put the Database SELECT operation inside a Message Enricher scope
- C. Put the Database SELECT operation inside a Cache scope
- D. Nothing, previous payloads are combined into the next payload

Answer: A (LEAVE A REPLY)

#### NEW QUESTION: 55

Refer to the exhibit.



```
<http:listener-config name="HTTP_Listener_config" doc:name="HTTP_Listener_config">
  <http:listener-connection host="0.0.0.0" port="8081" />
</http:listener-config>

<flow name="main">
  <http:listener doc:name="HTTP: GET /" config-ref="HTTP_Listener_config" path="/" />
  <http:request method="GET" doc:name="HTTP: GET acme.com/virgin" url="http://acme.com/virgin" >
    <error-mapping sourceType="HTTP:NOT_FOUND" targetType="APP:API_RESOURCE_NOT_FOUND" />
  </http:request>
</flow>
```

The main flow is configured with their error handlers. A web client submit a request to the HTTP Listener and the HTTP Request throws an HTTP:NOT\_FOUND error.

What response message is returned?"

What response message is returned?

**A.** APP: API RESOURCE NOT FOUND

**B.** HTTP: NOT FOUND

**C.** other error

**D.** success - main flow

**Answer: A (LEAVE A REPLY)**

Correct answer is APP: API RESOURCE NOT FOUND

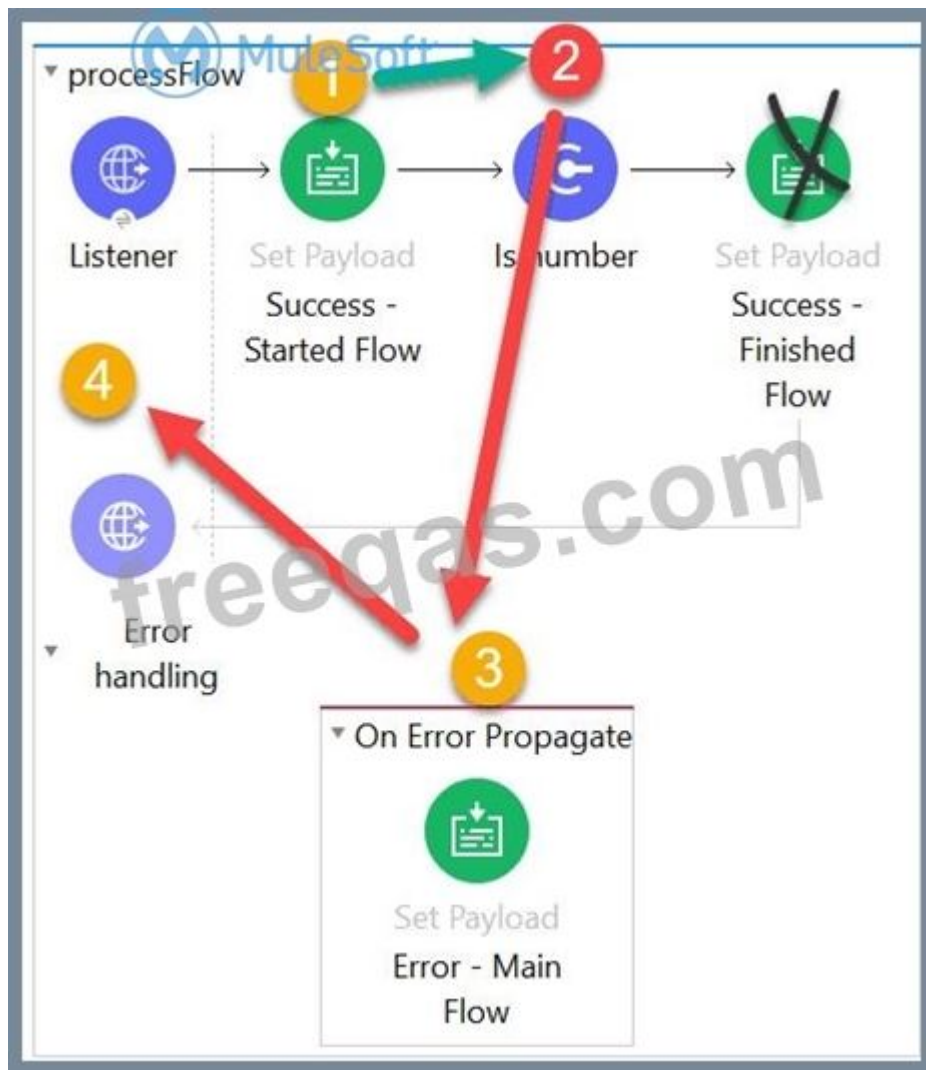
---

1) A web client submits the request to the HTTP Listener.

2) The HTTP Request throws an "HTTP:NOT\_FOUND" error, execution halts.

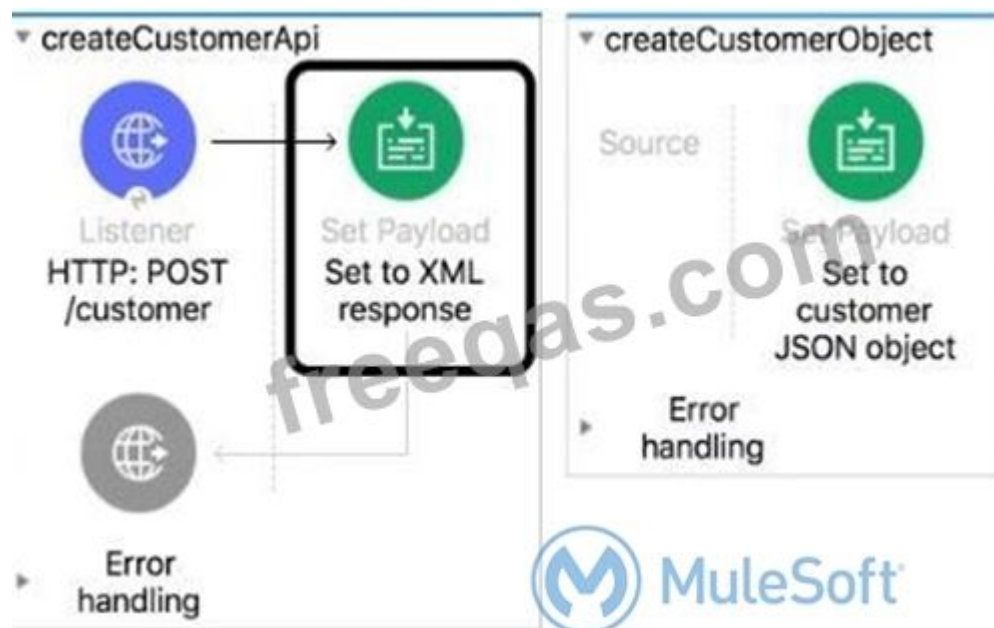
3) The On Error Propagate error Handler handles the error. In this case ,HTTP:NOT\_FOUND error is mapped to custom error APP:API\_RESOURCE\_NOT\_FOUND. This error processor sets payload to APP:API\_RESOURCE\_NOT\_FOUND.

4) "APP:API\_RESOURCE\_NOT\_FOUND. " is the error message returned to the requestor in the body of the HTTP request with HTTP Status Code: 500 Reference Diagram:



**NEW QUESTION: 56**

Refer to the exhibit.



What is the correct DataWeave expression for the Set Payload transformer to call the createCustomerObject flow with values for the first and last names of a new customer?

- A. createCustomerObject( { first: "Alice", last: "Green" > )
- B. lookupf "createCustomerObject", { first: "Alice", last: "Green" > )
- C. lookupC createCustomerObJect( "Alice", "Green- ) )
- D. createCustomerObject( "Alice", "Green")

**Answer: B (LEAVE A REPLY)**

### NEW QUESTION: 57

Refer to the exhibits.

A web client sends a GET request to the HTTP Listener.

What response message is returned to the web client?



```
<flow name="validatePayload" >
  <http:listener doc:name="HTTP: GET /" config-ref="HTTP_Listener_config" path="/" />
  <set-payload value="Start" doc:name="Start" />
  <validation:is-blank-string doc:name="payload" value="#[payload]" />
  <set-payload value="End" doc:name="End" />
</flow>
```

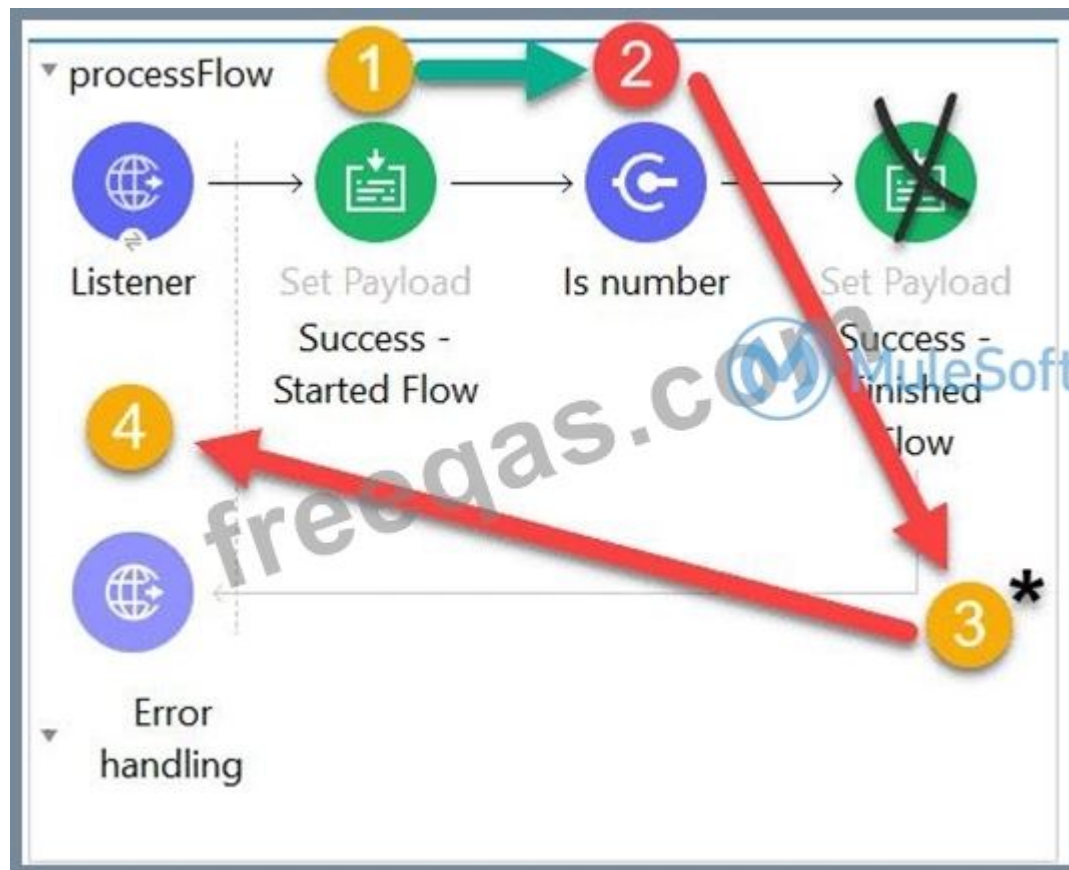
- A. ""
- B. "End"
- C. "Start"
- D. "String is not blank"

**Answer: D (LEAVE A REPLY)**

1. Set Payload "Start"
2. 'Is Balnk String' Creates an Error object with #[error.description] ="String is not blank"
3. Default Error Handler catches and Propagates error
4. 'On Error Propogate' is 'RED IN RED OUT'. It Returns Status Code : 500 & #[error.description]

----- Correct answer is String is not blank.

Because validation component will throw an error as payload is not blank.



**NEW QUESTION: 58**

What should this endpoint return considering the API is build using standard practices?

<http://dev.acme.com/api/patients?year=2021>

- A. Patient with id 2021
- B. Patients from year 2021
- C. No patients
- D. All patients

**Answer: (SHOW ANSWER)**

Correct answer is Patients from year 2021.

The thing to note here is that year is not a query parameter and not the uri parameter. Hence it will filter all the patients and return the ones for whom year is 2021

**NEW QUESTION: 59**

Refer to the exhibit.

```
#PARAML 1.0
title: ACME Telecon API
version: 1.0
```

```
/accounts:
  post:
    body:
      application/json:
        example: |
          {
            "account_id": "562-123-3456",
            "plan": "all-inclusive"
          }
```

Parameters  
MuleSoft  
Headers Authorization

<> Toggle source mode + Insert headers set

Header name	Header value
Content-Type	text/plain

ADD HEADER

Headers are valid

415 Unsupported Media Type 1058.44 ms

```
{
  "message": "Unsupported media type"
}
```

What should be changed to fix the 415 error?

- A. set the request Content-Type header to text/plain
- B. Set the request Content-Type header to application/json
- C. set the response Content-Type header to text/plain
- D. set the response Content-Type header to application/json

**Answer: B (LEAVE A REPLY)**

### NEW QUESTION: 60

A Mule project contains a DataWeave module called MyModule.dwl that defines a function named formatString. The module is located in the project's src/main/resources/modules folder.

What is the correct way in DataWeave code to import MyModule using a wildcard and then call the module's formatString function?

A)

```
%dw 2.0
output application/json
import * from modules.MyModule
---
MyModule.formatString( "annie point" )
```

B)

```
%dw 2.0
output application/json
import * from modules::MyModule
---
MyModule::formatString( "annie point" )
```

C)

```
%dw 2.0
output application/json
import * from modules.MyModule
---
formatString( "annie point" )
```

D)

```
%dw 2.0
output application/json
import * from modules::MyModule
---
formatString("annie point")
```

- A. Option B
- B. Option C
- C. Option A
- D. Option D

**Answer: D (LEAVE A REPLY)**

#### **NEW QUESTION: 61**

Which Mule component provides a real-time, graphical representation of the APIs and mule applications that are running and discoverable?

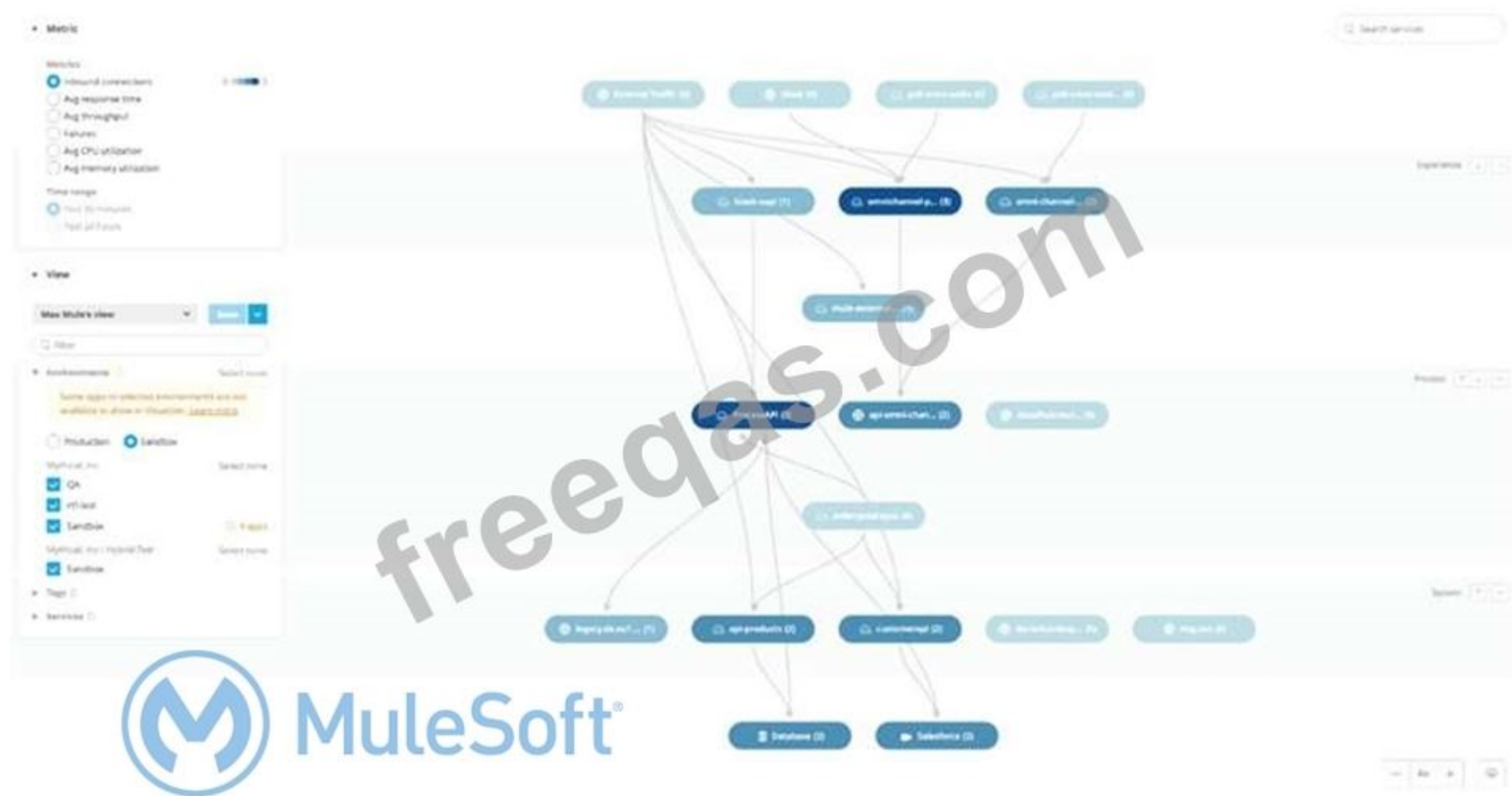
- A. API Notebook
- B. Runtime Manager
- C. Anypoint Visualizer
- D. API Manager

**Answer: C (LEAVE A REPLY)**

Correct answer is Anypoint Visualizer

MuleSoft Doc Ref : <https://docs.mulesoft.com/visualizer/>

Anypoint Visualizer provides a real-time, graphical representation of the APIs, and Mule applications that are running and discoverable. It also displays third-party systems that are invoked by a Mule API, proxy, or application within your application network. The data displayed in the graph is dynamically updated and does not require prior configuration. Additionally, the data displayed is secure, as only users with the proper permissions can view the application network graph.



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**NEW QUESTION: 62**

Refer to the exhibits.



The Validation component in the private flow throws an error. What response message is returned to a client request to the main flow's HTTP Listener?

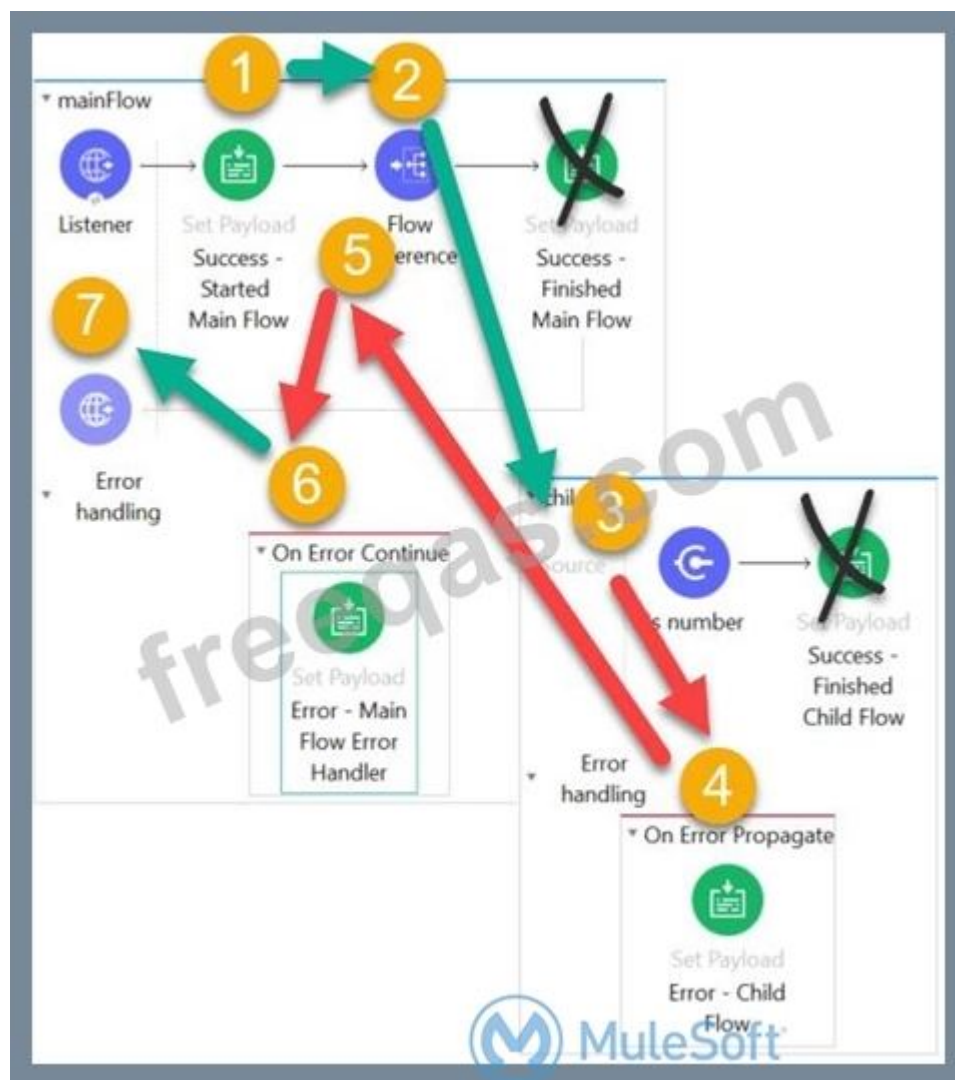
- A. Error - private flow
- B. Error - main flow
- C. Success - main flow
- D. Validation Error

**Answer: B (LEAVE A REPLY)**

Error in validation component will get processed by Processor level On Error Propagate block and then error will be rethrown which will get processed by flow level error handler which will set payload to "Error- main flow". Hence correct answer is Error - main flow

- 1) Request is received by HTTP listener
- 2) Try scope gets executed
- 3) The validator component in the Try scope creates an Error Object because the payload is not null.
- 4) The On Error Propagate handles the error. The payload is set to "Error - Try scope"
- 6) "Error - Try scope" is returned to the 'On Error Continue' block. Main flow execution stops. Payload is set to "Error - main flow"
- 7) "Error - main flow" is returned to the requestor in the body of the HTTP request. HTTP Status Code: 200

----- Reference Diagram though not exactly same, conditions are similar. They will help you answer any new question on error handling in real exam:



**NEW QUESTION: 63**

Refer to the exhibit.

```

#%RAML 1.0
title: ACME Telecom API
version: 1.0

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            example: |
              [
                {
                  "plan_type": "Super Saver 500",
                  "plan_details": "all-inclusive",
                  "monthly_discount": 0.10
                },
                {
                  "plan_type": "Business Plus 1000",
                  "plan_details": "business package",
                  "monthly_discount": 0.20
                }
              ]

```

The API needs to be updated using the company-wide standard for the Plan data type. The Object data type has already been published in Anypoint Exchange with the global reference .

ACME/DataTypes/PlanDataType.raml.

What is a valid RAML specification that reuses the Plan data type?

A)

```

#%RAML 1.0
title: ACME Telecom API
version: 1.0

dataTypes:
  Plan: !include ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !include ACME/Examples/PlanExamples.raml

```

B)

```

#%RAML 1.0
title: ACME Telecom API
version: 1.0

types:
  Plan: !reference ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !reference ACME/Examples/PlanExamples.raml

```

C)

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

dataTypes:
  Plan: !reference ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !reference ACME/Examples/PlanExamples.raml
```

D)

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

types:
  Plan: !include ACME/DataTypes/PlanDataType.raml

/plans:
  get:
    responses:
      200:
        body:
          application/json:
            type: Plan[]
            example: !include ACME/Examples/PlanExamples.raml
```

A. Option B

B. Option D

C. Option A

D. Option C

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 64**

Refer to the exhibit.

```
##RAML 1.0
title: Accounts API
version: 1.0
```



```

/accounts:
  get:
    description: Get all accounts
    responses:
      200:
        body:
          application/json:
            example:
              id: "48292"
              name: Geordi La Forge
              address: 1 Forge Way, Midgard, CA 95928
              customer_since: "2014-01-04"
              balance: 4829.29
  post:
    description: Create an account
    body:
      application/json:
        example:
          name: Geordi La Forge
          address: 1 Forge Way, Midgard, CA 95928
          customer_since: "2014-01-04"

```

What data is expected by the POST /accounts endpoint?

A)

```

{
  "id": "48292",
  "name": "Geordi La Forge",
  "address": "1 Forge Way, Midgard, CA 95928",
  "customer_since": "2014-01-04",
  "balance": 4829.29
}

```

B)

```

<item>
  <id>48292</id>
  <name>Geordi La Forge</name>
  <address>1 Forge Way, Midgard, CA 95928</address>
  <customer_since>2014-01-04</customer_since>
  <balance>4829.29</balance>
</item>

```

C)

```

<item>
  <name>Geordi La Forge</name>
  <address>1 Forge Way, Midgard, CA 95928</address>
  <customer_since>2014-01-04</customer_since>
  <balance>4829.29</balance>
  <bank_agent_id>48-SJT-282924-KL</bank_agent_id>
</item>

```

D)

```
{
  "name": "Geordi La Forge",
  "address": "1 Forge Way, Midgard, CA 95928",
  "customer_since": "2014-01-04",
  "balance": 4829.29
  "bank_agent_id": "48-SJT-282924-KL"
}
```

- A. Option A
- B. Option D
- C. Option C
- D. Option B

**Answer: B (LEAVE A REPLY)**

### NEW QUESTION: 65

What valid RAML retrieves details on a specific by its orderId as a URL parameter?

A)

```
/orders:
  /{orderId}:
    get:
```

B)

```
/orders:
  /orderId:
    get:
```

C)

```
/orders:
  get:
    /{orderId}:
```

D)

```
/orders:
  get:
    /orderId:
```

- A. Option C
- B. Option D
- C. Option B
- D. Option A

**Answer: D (LEAVE A REPLY)**

### NEW QUESTION: 66

Refer to the exhibit.

The error occurs when a project is run in Anypoint Studio. The project, which has a dependency that is not in the MuleSoft Maven repository, was created and successfully run on a different computer.

What is the next step to fix the error to get the project to run successfully?

```
[WARNING] The POM for com.mulesoft.training:mock-servers:jar:1.1.2 is missing, no dependency information available
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 0.253 s
[INFO] Finished at: 2018-06-14T10:52:39-07:00
[INFO] Final Memory: 190M/867M
[INFO] -----
[ERROR] Failed to execute goal on project app-server: Could not resolve dependencies for project com.mycompany:app-
server:mule-application:1.0.0-SNAPSHOT: Failure to find com.mulesoft.training:mock-servers:jar:1.1.2 in https://
repository.mulesoft.org/nexus-ee/content/repositories/releases-ee/ was cached in the local repository, resolution will
not be reattempted until the update interval of MuleRepository has elapsed or updates are forced -> [Help 1]
```



- A. Install the dependency to the computer's local Maven repository
- B. Edit the dependency in the Mule project's pom.xml file
- C. Add the dependency to the MULE\_HOME/bin folder
- D. Deploy the dependency to MuleSoft's Maven repository

**Answer: A (LEAVE A REPLY)**

### NEW QUESTION: 67

An API instance of type API endpoint with API proxy is created in API manager using an API specification from Anypoint Exchange. The API instance is also configured with an API proxy that is deployed and running in CloudHub.

An SLA- based policy is enabled in API manager for this API instance.

Where can an external API consumer obtain a valid client ID and client secret to successfully send requests to the API proxy?

- A. In the organization's public API portal in Anypoint Exchange, from an approved client application for the API proxy
- B. In Anypoint Studio, from components generated by APIkit for the API specification
- C. In Anypoint Studio, from components generated by Rest Connect for API specification
- D. In Runtime Manager, from the properties tab of the deployed approved API proxy

**Answer: A (LEAVE A REPLY)**

\* When a client application is registered in Anypoint Platform, a pair of credentials consisting of a client ID and client secret is generated.

\* When the client application requests access to an API, a contract is created between the application and that API.

\* An API that is protected with a Client ID Enforcement policy is accessible only to applications that have an approved contract.

---

In the organization's public API portal in Anypoint Exchange, from

### NEW QUESTION: 68

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

Answer: C ([LEAVE A REPLY](#))

**NEW QUESTION: 69**

Refer to the exhibits.

The screenshot shows the MuleSoft configuration interface for a MySQL JDBC Driver. The 'General' tab is selected. Under 'Required Libraries', the 'MySQL JDBC Driver (mysql:mysql-connector-java:8.0.11)' is listed with a 'Modify dependency' button. The 'Connection' section contains the following fields:

- Host: mudb.learn.mulesoft.com
- Port: 3306
- User: (empty)
- Password: (masked with dots)  Show password
- Database: database

To the right, a 'config.yaml' snippet is shown:

```
db:  
  hosts: "mudb.learn.mulesoft.com"  
  username: "mule"  
  password: "mule"
```

What is valid text to set the field in the Database connector configuration to the username value specified in the config.yaml file?

- A. \${db:username}>
- B. #[db:username]
- C. \${db.username}>
- D. #[db.username]

**Answer: C (LEAVE A REPLY)**

#### NEW QUESTION: 70

A Mule project contains a DataWeave module file WebStore.dwl that defines a function named loginUser. The module file is located in the projects src/main/resources/libs/dw folder. What is correct DataWeave code to import all of the WebStore.dwl file's functions and then call the loginUser function for the login "cindy.park@example.com"?

A)

```
import libs.dw
---
WebStore.loginUser( "cindy.park@example.com" )
```

B)

```
import * from libs::dw
---
WebStore::loginUser( "cindy.park@example.com" )
```

C)

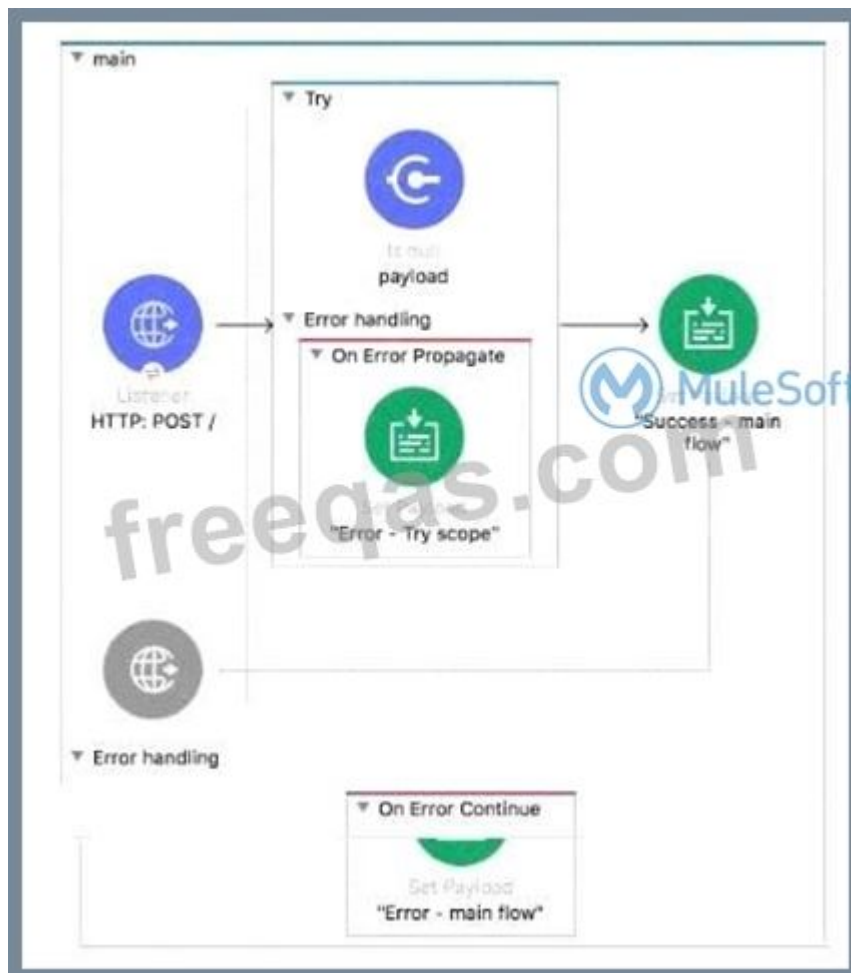
```
import libs.dw.WebStore
---
loginUser( "cindy.park@example.com" )
import * from libs::dw::WebStore
---
loginUser( "cindy.park@example.com" )
```

- A. Option B
- B. Option A
- C. Option C
- D. Option D

**Answer: D (LEAVE A REPLY)**

#### NEW QUESTION: 71

Refer to the exhibits.



```

<flow name="main">
  <http:listener doc:name="HTTP: POST /" config-ref="HTTP_listener_config" path="/" />
  <try doc:name="Try" >
    <validation:is-null doc:name="payload" value="#[payload]" message="Validation Error"/>
    <error-handler >
      <on-error-propagate enableNotifications="true" logException="true" doc:name="On Error Propagate">
        <set-payload value="Error - Try scope" doc:name="Error - Try scope"/>
      </on-error-propagate>
    </error-handler>
  </try>
  <set-payload value="Success - main flow" doc:name="Success - main flow" />
  <error-handler >
    <on-error-continue enableNotifications="true" logException="true" doc:name="On Error Continue" >
      <set-payload value="Error - main flow" doc:name="Error - main flow" />
    </on-error-continue>
  </error-handler>
</flow>

```

The Validation component in the Try scope throws an error.

What response message is returned to a client request to the main flow's HTTP Listener?

The Validation component in the Try scope throws an error. What response message is returned to a client request to the main flow's HTTP Listener?

- A. Validation Error
- B. Success - main flow
- C. Error - main flow
- D. Error - Try scope

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 72**

Refer to the exhibit.



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

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

**Answer: B (LEAVE A REPLY)**

#### NEW QUESTION: 73

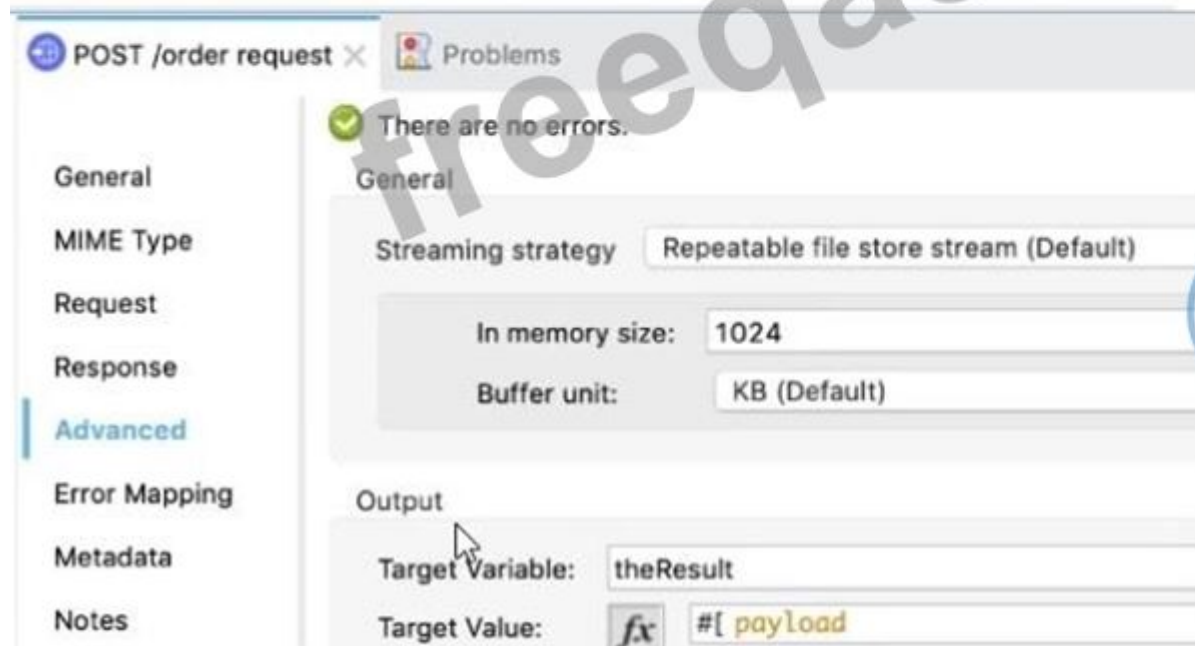
By default, what happens to a file after it is read using an FTP connector Read operation?

- A. The file is moved to a different folder
- B. The file is deleted from the folder
- C. The file is renamed in the same folder
- D. The file stays in the same folder unchanged

**Answer: A (LEAVE A REPLY)**

#### NEW QUESTION: 74

Refer to the exhibits.



In the requestFlow an HTTP Request operation is configured to send an HTTP request with an XML payload. The request is sent to the HTTP Listener in the transform Flow. That flow transforms the incoming payload into JSON format and returns the response to the HTTP request. The response of the request is stored in a target variable named the Result. What is the payload at the Logger component after the HTTP Request?

- A. The returned JSON response
- B. The original XML payload
- C. A non-empty Java object
- D. null

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 75

Refer to the exhibit.

How should the WHERE clause be changed to set the city and state values from the configured input parameters?

Query

MuleSoft

SQL Query Text:

```
SELECT * FROM accounts
WHERE city = attributes.queryParams.city AND
state = attributes.queryParams.state
```

Input Parameters:

```
1 {
2   city: attributes.queryParams.city,
3   state: attributes.queryParams.state
4 }
```

A)

```
WHERE city = :city AND state = :state
```

B)

```
WHERE city = attributes.city AND state = attributes.state
```

C)

```
WHERE city := ${city} AND state := ${state}
```

D)

```
WHERE city = #[city] AND state = #[state]
```

A. Option D

B. Option B

C. Option C

D. Option A

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 76**

Refer to the exhibit.

```
#%RAML 1.0
title: Accounts API
version: 1.0

/accounts:
  get:
    description: Get all accounts
    responses:
      200:
        body:
          application/json:
            example:
              id: "48292"
              name: Geordi La Forge
              address: 1 Forge Way, Midgard, CA 95928
              customer_since: "2014-01-04"
              balance: 4829.29
  post:
    description: Create an account
    body:
      application/json:
        example:
          name: Geordi La Forge
          address: 1 Forge Way, Midgard, CA 95928
          customer_since: "2014-01-04"
```

What data is expected by the POST /accounts endpoint?

A)

```
{
  "id": "48292",
  "name": "Geordi La Forge",
  "address": "1 Forge Way, Midgard, CA 95928",
  "customer_since": "2014-01-04",
  "balance": 4829.29
}
```

B)

```
<item>
  <id>48292</id>
  <name>Geordi La Forge</name>
  <address>1 Forge Way, Midgard, CA 95928</address>
  <customer_since>2014-01-04</customer_since>
  <balance>4829.29</balance>
</item>
```

C)

```
<item>
  <name>Geordi La Forge</name>
  <address>1 Forge Way, Midgard, CA 95928</address>
  <customer_since>2014-01-04</customer_since>
  <balance>4829.29</balance>
  <bank_agent_id>48-SJT-282924-KL</bank_agent_id>
</item>
```

D)

```
{
  "name": "Geordi La Forge",
  "address": "1 Forge Way, Midgard, CA 95928",
  "customer_since": "2014-01-04",
  "balance": 4829.29
  "bank_agent_id": "48-SJT-282924-KL"
```

- A. Option D
- B. Option A
- C. Option B
- D. Option C

**Answer: A** ([LEAVE A REPLY](#))

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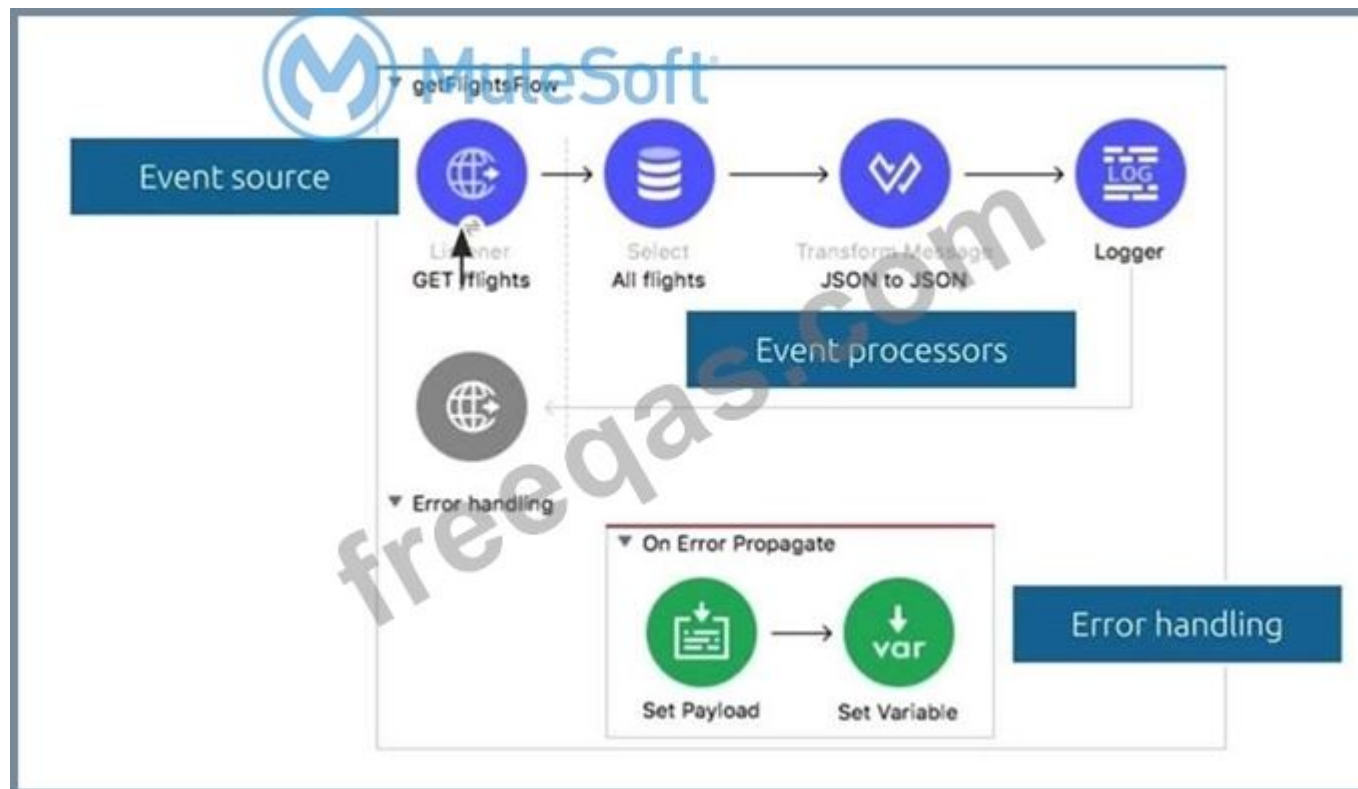
#### **NEW QUESTION: 77**

What is minimal requirement in a flow for a Mule application to compile?

- A. Event Source
- B. Event Processors
- C. Error handlers
- D. Source and processors both

**Answer: (SHOW ANSWER)**

Process section is must to get compiles. Process section must have one or more processors



#### NEW QUESTION: 78

An API instance of type API endpoint with API proxy is created in API manager using an API specification from Anypoint Exchange. The API instance is also configured with an API proxy that is deployed and running in CloudHub.

An SLA- based policy is enabled in API manager for this API instance.

Where can an external API consumer obtain a valid client ID and client secret to successfully send requests to the API proxy?

- A. In the organization's public API portal in Anypoint Exchange, from an approved client application for the API proxy
- B. In Anypoint Studio, from components generated by APIkit for the API specification
- C. In Anypoint Studio, from components generated by Rest Connect for API specification
- D. In Runtime Manager, from the properties tab of the deployed approved API proxy

**Answer: A (LEAVE A REPLY)**

\* When a client application is registered in Anypoint Platform, a pair of credentials consisting of a client ID and client secret is generated.

\* When the client application requests access to an API, a contract is created between the application and that API.

\* An API that is protected with a Client ID Enforcement policy is accessible only to applications that have an approved contract.

----- Correct answer: In the organization's public API portal in Anypoint Exchange, from an approved client application for the API proxy

#### NEW QUESTION: 79

A Mule project contains a MySQL Database dependency. The project is exported from Anypoint Studio so it can be deployed to CloudHub.

What export options create the smallest deployable archive that will successfully deploy to CloudHub?

What export option create their smallest deployable archive that will successfully deploy to CloudHub?

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 C

B. Option A

C. Option B

D. Option D

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 80**

Which out of below is not an asset?

A. Template

B. Connector

C. Exchange

D. Example

**Answer: C** ([LEAVE A REPLY](#))

Exchange is the odd man out here. Rest all are type of asset



Exchange

PUBLISH NEW ASSET

## All assets



All assets

All Training

Training (master)

Provided by MuleSoft

Shared with me

My applications

Public portal

Settings

Try the new search

All types

Connectors

Templates

Examples

Policies

API Groups

New

REST APIs

SOAP APIs

HTTP APIs

API Spec Fragments

Custom

Search



Connector

Connector

Salesforce

ization

MuleS



Custom

ator for

Two-factor

e

MuleS

ization

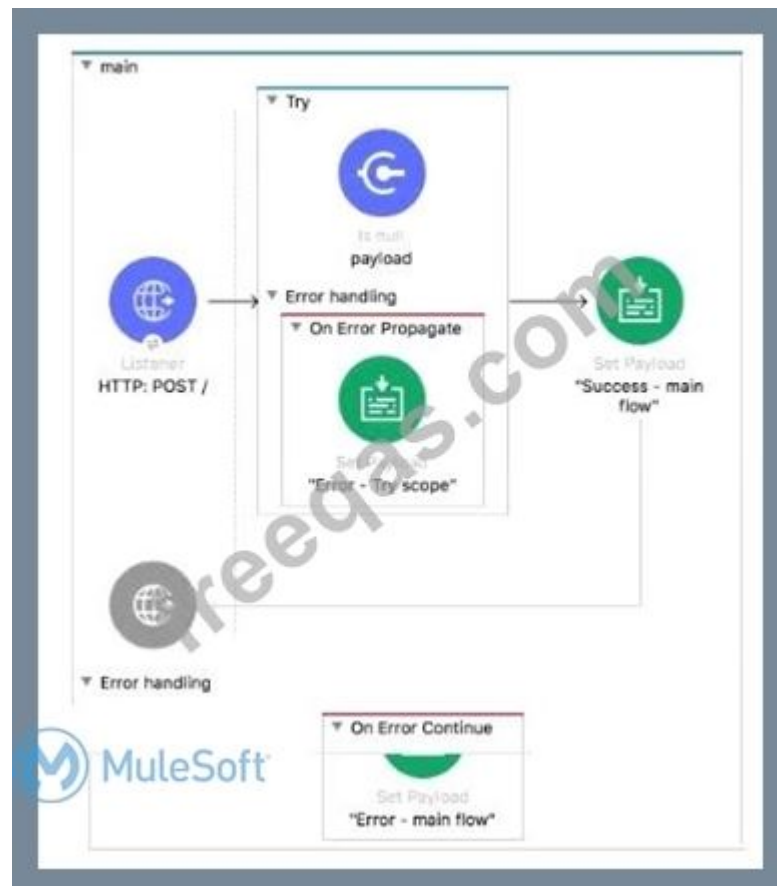
Template



Connector

## NEW QUESTION: 81

Refer to the exhibits.



```
<flow name="main">
  <http:listener doc:name="HTTP: POST /" config-ref="HTTP_listener_config" path="/" />
  <try doc:name="Try" >
    <validation:is-null doc:name="payload" value="#[payload]" message="Validation Error"/>
    <error-handler >
      <on-error-propagate enableNotifications="true" logException="true" doc:name="On Error Propagate">
        <set-payload value="Error - Try scope" doc:name="Error - Try scope"/>
      </on-error-propagate>
    </error-handler>
  </try>
  <set-payload value="Success - main flow" doc:name="Success - main flow" />
  <error-handler >
    <on-error-continue enableNotifications="true" logException="true" doc:name="On Error Continue" >
      <set-payload value="Error - main flow" doc:name="Error - main flow" />
    </on-error-continue>
  </error-handler>
</flow>
```

The Validation component in the Try scope throws an error.

What response message is returned to a client request to the main flow's HTTP Listener?

The Validation component in the Try scope throws an error. What response message is returned to a client request to the main flow's HTTP Listener?

- A. Success - main flow
- B. Error - main flow
- C. Error - Try scope
- D. Validation Error

**Answer: A (LEAVE A REPLY)**

Note that private flow has error scope defined as On Error Continue . So when error occurs in private flow , it is handled by this On Error Continue scope which sends success response back to main flow and does not throw back an error. So main continues normally and payload is set to Success - main flow.

Hence correct answer is Success - main flow

1) HTTP listener received request

2) The Flow Reference calls the child flow

3) The Is Number validator creates an Error Object because the payload isn't an integer. Child Flow execution stops

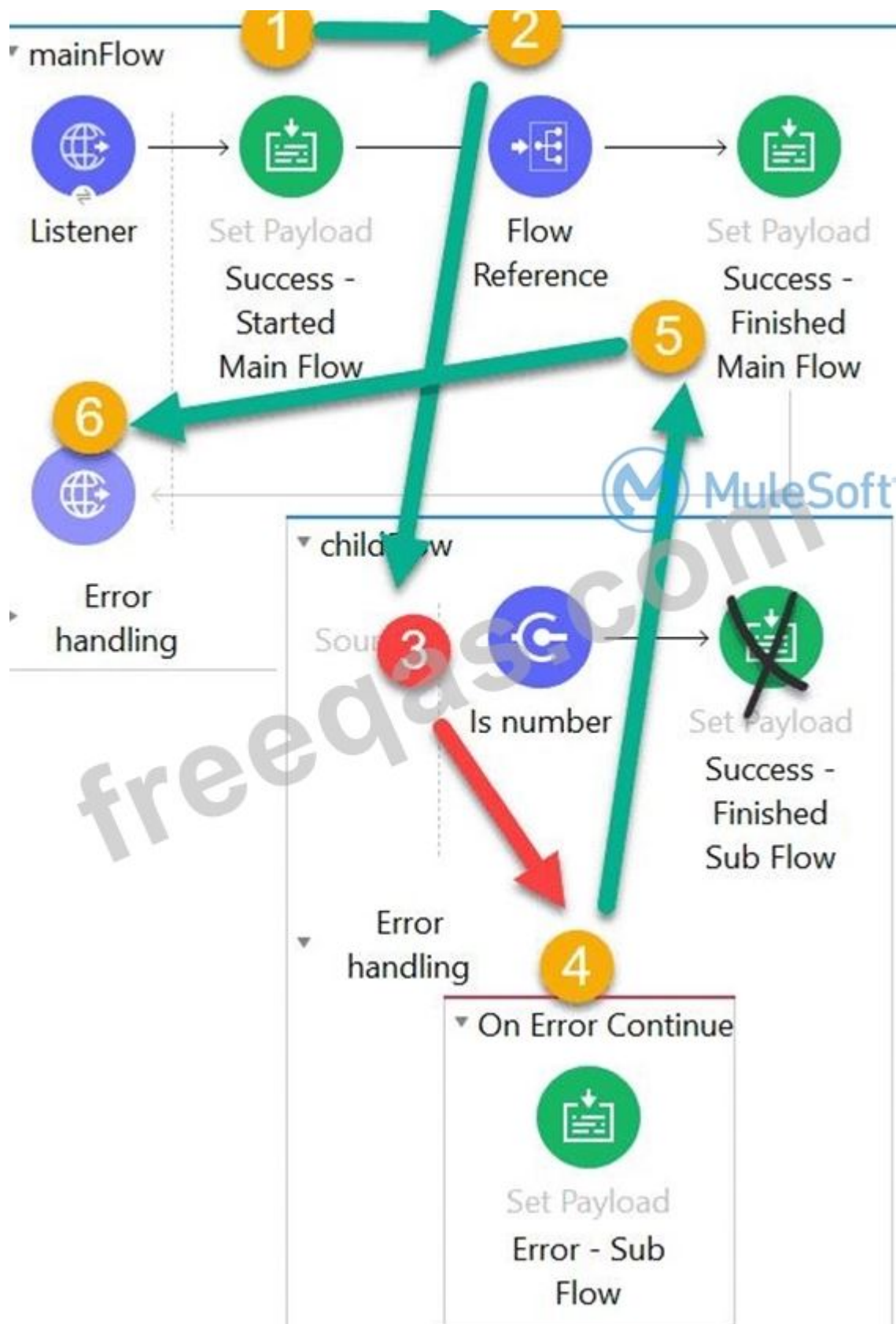
`#[error.description] = "payload is not a valid INTEGER value"`

`#[error.errorType] = VALIDATION:INVALID_NUMBER`

4) The On Error Continue handles the errorThe payload is set to "Error - Sub Flow"

5) "Error - Sub Flow" is returned to the main flow as if the child flow was a success. The Set Payload is executed. The payload is reset to "Success - Finished Main Flow"

6) "Success - Main Flow" is returned to the requestor in the body of the HTTP request. HTTP Status Code: 200 As you can see, in the above example, because the error was caught by an On Error Continue scope in the child flow (RED in, GREEN out) when the Mule Message returns to the parent flow, the parent flow knows none-the-different that there was a failure because the on error continue returns a 200 success message. Note that because, to the mainFlow, the childFlow appeared to succeed, the processing of mainFlow resumed after the flow reference.



**NEW QUESTION: 82**

Refer to the exhibits. What payload is logged at the end of the main flow?



```

:flow name="main" >
  <http:listener doc:name="HTTP: GET /" config-ref="HTTP_listener_config" path="/" />
  <set-payload value="#[[1,2,3,4]]" doc:name="[1,2,3,4]" />
  <foreach doc:name="For Each" >
    <set-payload value="#["order" ++ payload]" doc:name="'order' ++ payload" />
  </foreach>
  <logger level="INFO" doc:name="payload" message="#[payload]" />
</flow>

```

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

Answer: (SHOW ANSWER)

**NEW QUESTION: 83**

Refer to the exhibits. The Set Payload transformer in the addItem child flow uses DataWeave to create an order object. What is the correct DataWeave code for the Set Payload transformer in the createOrder flow to use the addItem child flow to add a router call with the price of 100 to the order?



```

1 %dw 2.0
2 output application/json
3 ---
4 order: {
5   item: {
6     itemName: payload.item,
7     itemType: payload.itemType,
8     price: payload.price
9   }
10 }

```

- A. lookup( "addItem", { price: "100", item: "router", itemType: "cable" } )

- B. addItem( { price: "100", item: "router", itemType: "cable" } )
- C. lookup( "addItem", { payload: { price: "100", item: "router", itemType: "cable" } > )
- D. addItem( { payload: { price: "100", item: "router", itemType: "cable" } > } )

**Answer: C (LEAVE A REPLY)**

#### NEW QUESTION: 84

Refer to the exhibit.



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

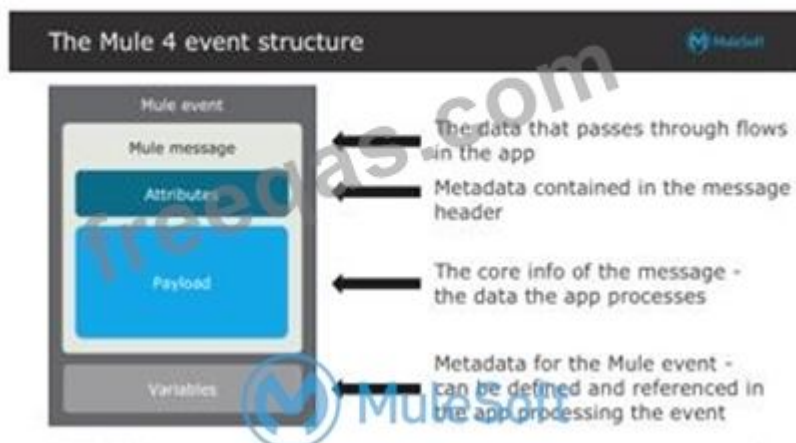
- A. Mule event
- B. Mule message payload
- C. Mule message
- D. Mule message attributes

**Answer: A (LEAVE A REPLY)**

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



MuleSoft.U Mule 4 for Mule 3 Users



**NEW QUESTION: 85**

Refer to the exhibit.



What is the correct DataWeave expression for the Set Payload transformer to call the createCustomerObject flow with values for the first and last names of a new customer?

- A. createCustomerObject( { first: "Alice", last: "Green" } )
- B. createCustomerObject( "Alice", "Green" )
- C. lookupC createCustomerObject( "Alice", "Green" )
- D. lookupf "createCustomerObject", { first: "Alice", last: "Green" } )

**Answer: D (LEAVE A REPLY)**

### NEW QUESTION: 86

Refer to the exhibit.



All three of the condition for the Choice router are true. What log messages are written?

- A. Route1, Route2
- B. Route2
- C. Route 1
- D. Route1, Route2, Default

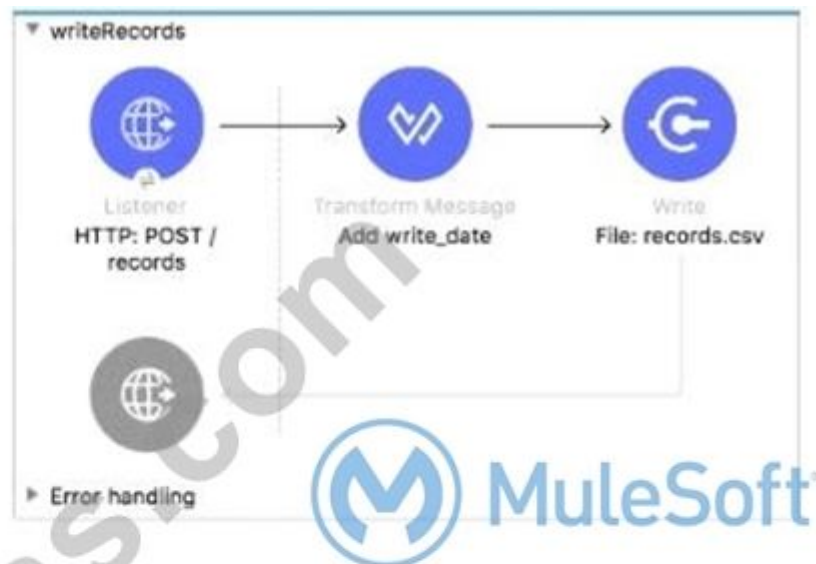
**Answer: C (LEAVE A REPLY)**

### NEW QUESTION: 87

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

**Answer: A (LEAVE A REPLY)**

Transform Message Add write\_date is converting 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.

### NEW QUESTION: 88

What valid RAML retrieves details on a specific customer by its customerId as a URI parameter?

- A. 1. /customers:  
2. /get:  
3. /customerId:
- B. 1. /customers:

2. /{customerId}:

3. get:

C. 1. /customers:

2. /customerId:

3. get:

D. 1. /customers:

2. get:

3. /{customerId}:

**Answer: B (LEAVE A REPLY)**

Correct answer is below as it follows the correct syntax.

/customers:

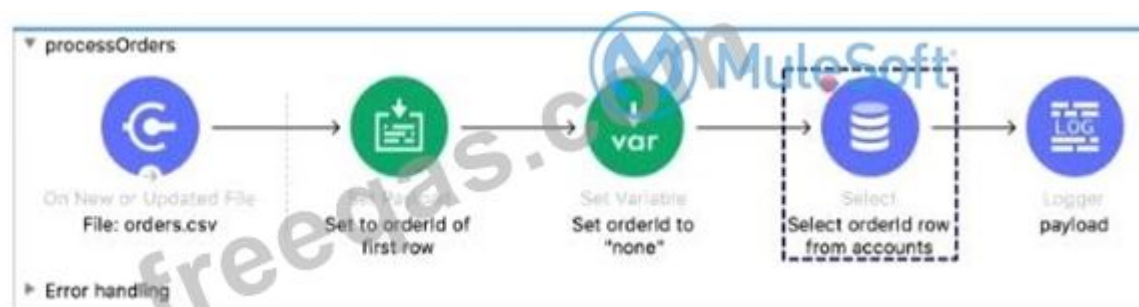
/{customerId}:

get:

### NEW QUESTION: 89

Refer to the exhibits.

```
orders.csv
orderId,account
100, partnerA
101, acme.com
102, mybank.com
103, onlineSales
```



The orders.csv file is read, then processed to look up the orders in a database. The Mule application is debugged in Any point Studio and stops at the breakpoint.

What is the payload shown in the debugger at this breakpoint?

A. The database response

B. "none"

C. The entire CSV file

D. 100

**Answer: (SHOW ANSWER)**

### NEW QUESTION: 90

Refer to the exhibit.



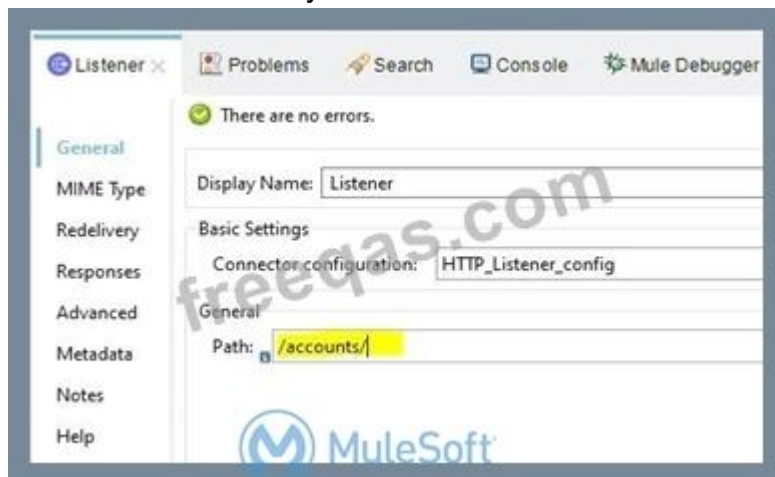
In the execution of the Scatter\_Gather, the flow1 route completes after 10 seconds and the flow2 route completes after 20 seconds. How many seconds does it take for the Scatter\_Gather to complete?

- A. 30
- B. 10
- C. 20
- D. 0

Answer: [\(SHOW ANSWER\)](#)

#### NEW QUESTION: 91

What is the correct Syntax to add a customer ID as a URI parameter in the HTTP listener's path attribute?



- A. #[customerID]
- B. \${customerID}
- C. {customerID}
- D. (customerID)

Answer: [C \(LEAVE A REPLY\)](#)

URL parameters are always accessed using { } like => {customerID}

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**NEW QUESTION: 92**

Refer to the exhibits. A web client sends a POST request to the HTTP Listener and the Validation component in the Try scope throws an error.

What response message is returned to the web client?

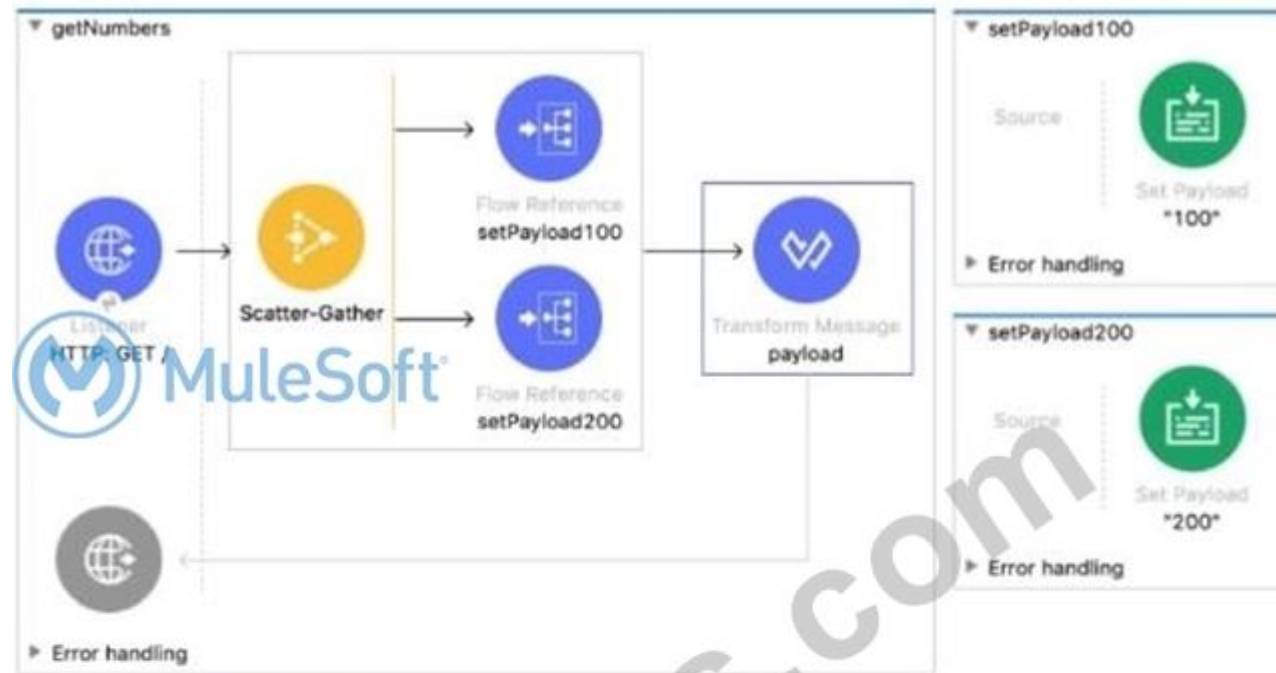


- A. "ERROR1"
- B. "ERROR1"
- C. Validation Error
- D. "END"
- E. "ERROR2"
- F. "ERROR2"
- G. Validation Error
- H. "END"

**Answer: F** ([LEAVE A REPLY](#))

**NEW QUESTION: 93**

Refer to the exhibits.



```
<flow name="getNumbers" >
  <http:listener doc:name="HTTP: GET /" config-ref="HTTP_listener_config" path="/" />
  <scatter-gather doc:name="Scatter-Gather" >
    <route >
      <flow-ref doc:name="setPayload100" name="setPayload100" />
    </route>
    <route >
      <flow-ref doc:name="setPayload200" name="setPayload200" />
    </route>
  </scatter-gather>
  <ee:transform doc:name="payload">
    <ee:message >
      <ee:set-payload ><![CDATA[%dw 2.0
output application/json
---
payload]]></ee:set-payload>
    </ee:message>
  </ee:transform>
</flow>
<flow name="setPayload100" ><set-payload value="#["100"]" doc:name="100" /></flow>
<flow name="setPayload200" ><set-payload value="#["200"]" doc:name="200" /></flow>
```

The input array of strings is processed by the batch job that processes, filters, and aggregates the values.

What is the last message logged by the Logger component after the batch job completes processing?

A)

```
[
  {
    "attributes": ...,
    "payload": "100"
  },
  {
    "attributes": ...,
    "payload": "200"
  }
]
```

B)

```
{
  "0": "100",
  "1": "200"
}
```

C)

```
["100", "200"]
```

D)

```
{
  "0": {
    "attributes": ...,
    "payload": "100"
  },
  "1": {
    "attributes": ...,
    "payload": "200"
  }
}
```

A. Option B

B. Option A

C. Option C

D. Option D

Answer: D ([LEAVE A REPLY](#))

#### NEW QUESTION: 94

An organization's Center for enablement (C4E) has built foundational assets (API specifications and implementation templates, common frameworks, and best practices guides) and published them to Anypoint Exchange.

What is a metric related to these foundational assets that helps the organization measure the success of its C4E efforts?

- A. Utilization counts of foundational assets in production applications
- B. Correlation of each foundational asset with the counts of developers that download such asset
- C. Correlation of key performance indicators (KPI) of production applications with foundational assets
- D. Count how many Lines Of Business (LoBs) consumed each foundational asset

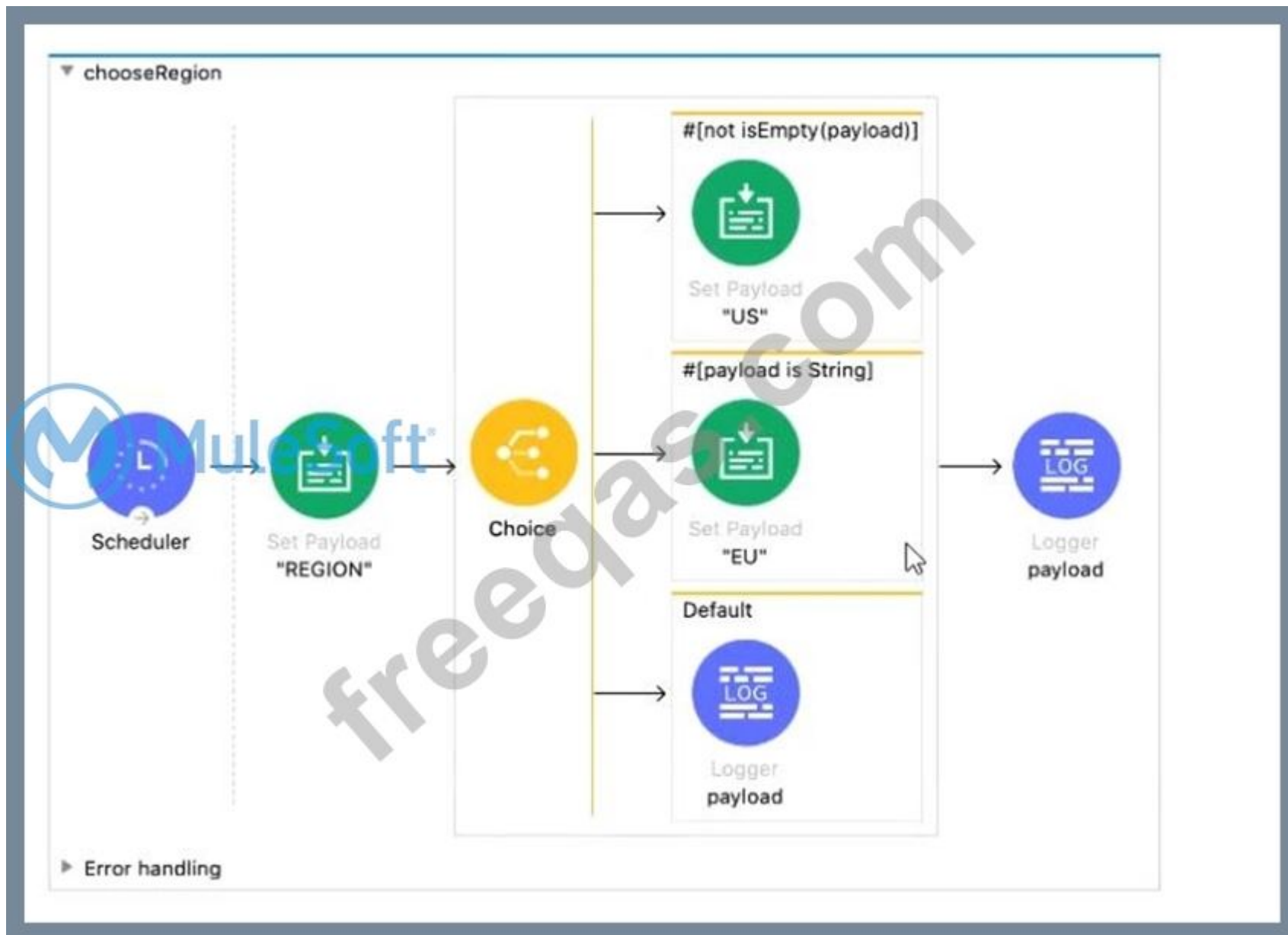
**Answer: C (LEAVE A REPLY)**

Below are the Key performance indicators (KPIs), to measure and track the and success of the C4E and its activities, as well as the growth and health of the application network. Most of the metrics can be extracted automatically, through REST APIs, from Anypoint Platform.

- \* # of assets published to Anypoint Exchange
- \* # of interactions with Anypoint Exchange assets
- \* # of APIs managed by Anypoint Platform
- \* # of System APIs managed by Anypoint Platform
- \* # of API clients registered for access to APIs
- \* # of API implementations deployed to Anypoint Platform
- \* # of API invocations
- \* # or fraction of lines of code covered by automated tests in CI/CD pipeline
- \* Ratio of info/warning/critical alerts to number of API invocations

**NEW QUESTION: 95**

Refer to the exhibits.



```

<flow name="chooseRegion" >
  <scheduler doc:name="Scheduler" >
    <scheduling-strategy >
      <fixed-frequency frequency="5000"/>
    </scheduling-strategy>
  </scheduler>
  <set-payload value='#["REGION"]' doc:name="REGION" />
  <choice doc:name="Choice" >
    <when expression='#[not isEmpty(payload)]'>
      <set-payload value='#["US"]' doc:name="US" />
    </when>
    <when expression='#[payload is String]'>
      <set-payload value='#["EU"]' doc:name="EU" />
    </when>
    <otherwise>
      <logger level="INFO" doc:name="payload" message="#[payload]"/>
    </otherwise>
  </choice>
  <logger level="INFO" doc:name="payload" message="#[payload]"/>
</flow>

```

A Mule application contains a Choice router. What is logged when the flow completes?

- A. EU
- B. US

C. ["US", "EU"]

D. "REGION"

Answer: B (LEAVE A REPLY)

### NEW QUESTION: 96

Refer to the exhibit.

The exhibit shows the MuleSoft interface for configuring a flow. The main flow consists of three steps: a Listener (HTTP: GET /), a Request (HTTP: GET acme.com/virgin), and a Set Payload (Success - main flow). The error handling section is expanded to show three error handlers:

- On Error Propagate type: HTTP:NOT\_FOUND: Set Payload "HTTP: NOT FOUND"
- On Error Continue type: APP:API\_RESOURCE\_NOT\_FOUND: Set Payload "APP: API RESOURCE NOT FOUND"
- On Error Continue when: #[true]: Set Payload "Other error"

The console shows the error mapping configuration:

```
HTTP: GET acme.com/virgin x Problems Console
There are no errors.
Error Mapping
Error types to be mapped: HTTP:NOT_FOUND
Map to: APP:API_RESOURCE_NOT_FOUND
```

```
<http:listener-config name="HTTP_Listener_config" doc:name="HTTP Listener config">
  <http:listener-connection host="0.0.0.0" port="8081" />
</http:listener-config>

<flow name="main">
  <http:listener doc:name="HTTP: GET /" config-ref="HTTP_Listener_config" path="/" />
  <http:request method="GET" doc:name="HTTP: GET acme.com/virgin" url="http://acme.com/virgin" >
    <error-mapping sourceType="HTTP:NOT_FOUND" targetType="APP:API_RESOURCE_NOT_FOUND" />
  </http:request>
```

The main flow is configured with their error handlers. A web client submit a request to the HTTP Listener and the HTTP Request throws an HTTP:NOT\_FOUND error.

What response message is returned?"

What response message is returned?

A. other error

B. success - main flow

C. HTTP: NOT FOUND

D. APP: API RESOURCE NOT FOUND

Answer: D (LEAVE A REPLY)

### NEW QUESTION: 97

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.

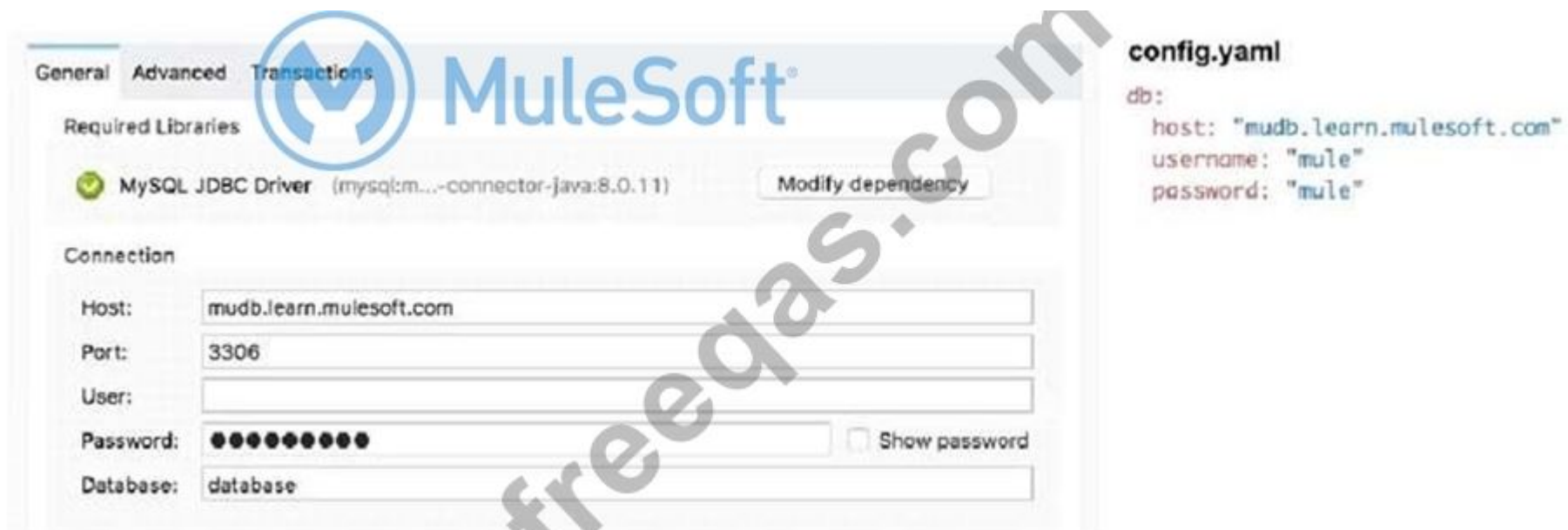
How should the listener be configured so it retrieves each row at most one time?

- A. Set the watermark column to the user\_id 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 bgin\_date\_time column

**Answer: D (LEAVE A REPLY)**

### NEW QUESTION: 98

Refer to the exhibits.



The screenshot shows the MuleSoft configuration interface for a MySQL JDBC Driver connector. The 'Connection' section includes fields for Host, Port, User, Password, and Database. The Host field is set to 'mudb.learn.mulesoft.com', Port to '3306', and Database to 'database'. The Password field is masked with dots, and there is a 'Show password' checkbox. To the right, a 'config.yaml' file snippet is shown with the following content:

```
db:  
  host: "mudb.learn.mulesoft.com"  
  username: "mule"  
  password: "mule"
```

What is valid text to set the field in the Database connector configuration to the username value specified in the config.yaml file?

- A. \${db.username}>
- B. #[db.username]
- C. #[db:username]
- D. \${db:username}>

**Answer: (SHOW ANSWER)**

option 3 is the correct syntz to access application properties

### NEW QUESTION: 99

A company has an API to manage departments, with each department identified by a unique deptId. The API was built with RAML according to MuleSoft best practices.

What is valid RAML to specify a method to update the details for a specific department?

- A)

```
/departments:  
  /deptId:  
    patch:
```

B)

```
/departments:  
  patch:  
    /deptId:
```

C)

```
/departments:  
  patch:  
    queryParameters:  
      deptId:
```

D)

```
/departments:  
  /{deptId}:  
    patch:
```

A. Option D

B. Option B

C. Option A

D. Option C

**Answer: A** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 100**

How does APIkit determine the number of flows to generate from a RAML specification?

A. Creates a separate flow for each resource

B. Creates a separate flow for each HTTP method

C. Creates a separate flow for each response status code

D. Creates a separate flow for each resource that contains child resources

**Answer: B** ([LEAVE A REPLY](#))

APIKit Creates a separate flow for each HTTP method

#### **NEW QUESTION: 101**

Refer to the exhibits.



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 application/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 application/xml
- D. Set a response header with the name Content-Type to a value of application/octet-stream

**Answer: (SHOW ANSWER)**

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

### NEW QUESTION: 102

What of the below is not a feature of API Notebooks?

- A. API documentation
- B. Creates a client for an API
- C. Creates a mock service for an API
- D. Perform authenticated live calls on a real server

**Answer: C (LEAVE A REPLY)**

Correct answer is Creates a mock service for an API

API Notebook is an open source, shareable web application for API documentation, interactive API tutorial and example generation, and a client for your API endpoints. Using API Notebook, you can make requests and quickly transform the responses into readable format.

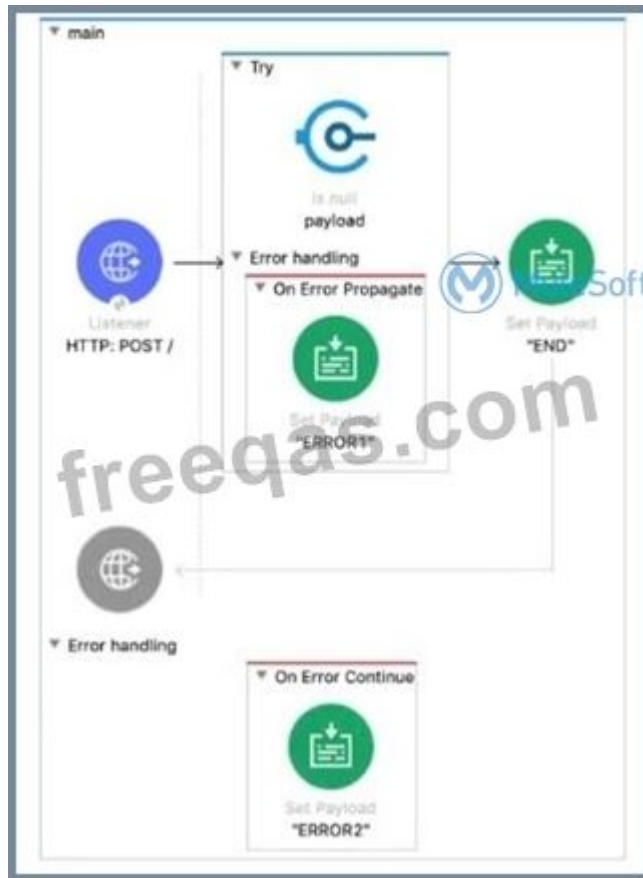
However it cannot be used to mock service for an API.

MuleSoft Doc Ref : <https://docs.mulesoft.com/api-manager/1.x/api-notebook-concept>

### NEW QUESTION: 103

Refer to the exhibits. A web client sends a POST request to the HTTP Listener and the Validation component in the Try scope throws an error.

What response message is returned to the web client?



A. "ERROR2"

B. "ERROR2"

```
<flow name="main">
  <http:listener doc:name="HTTP: POST /" config-ref="HTTP_Listener_config" path="/" >
  </http:listener>
  <try doc:name="Try" >
    <validation:is-null doc:name="payload" value="#[payload]" message="Validation Error"/>
    <error-handler >
      <on-error-propagate enableNotifications="true" logException="true"
        doc:name="On Error Propagate">
        <set-payload value="ERROR1" doc:name="ERROR1"/>
      </on-error-propagate>
    </error-handler>
  </try>
  <set-payload value="END" doc:name="END" />
  <error-handler >
    <on-error-continue enableNotifications="true" logException="true"
      doc:name="On Error Continue" >
      <set-payload value="ERROR2" doc:name="ERROR2" />
    </on-error-continue>
  </error-handler>
</flow>
```

C. "ERROR1"

D. Validation Error

E. Validation Error

F. "END"

G. "END"

H. "ERROR1"

Answer: B ([LEAVE A REPLY](#))

#### NEW QUESTION: 104

What MuleSoft API-led connectivity layer is intended to expose part of a backend database without business logic?

A. Data layer

B. Process layer

C. Experience layer

D. System layer

Answer: ([SHOW ANSWER](#))

Correct answer is System layer

System APIs provide a means for insulating the data consumers from the complexity or changes to the underlying backend systems.

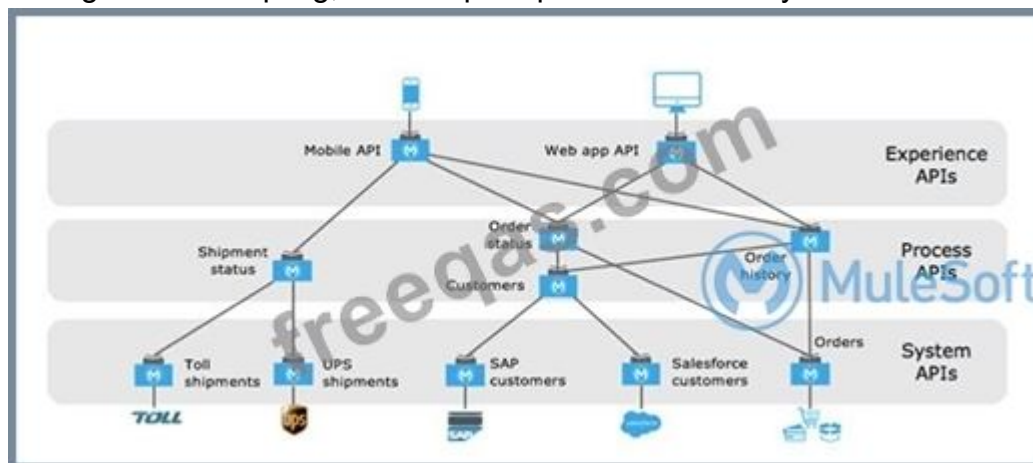
MuleSoft recommends three-layered approach to API-led connectivity, highlighting the three layers:

\* System APIs

\* Process APIs

\* Experience APIs

System APIs are the core systems of record underlying core systems of record (e.g. ERPs, key customer and billing systems, databases, etc.). Process APIs allow you to define a common process which the organization can share, and these APIs perform specific functions, provide access to non-central data, and may be built by either Central IT or Line of Business IT. And finally, the Experience APIs are the means by which data can be reconfigured so that it is most easily consumed by its intended audience, all from a common data source. The three-layered structure allows for a seamless flow of data from systems of record to new experiences, and allows for reusability of assets rather than point to point connections. This approach provides a distributed and tailored approach to architecture, greater flexibility through loose coupling, and deeper operational visibility into what is being built.



#### NEW QUESTION: 105

Refer to the exhibits. The Set Payload transformer in the addItem child flow uses DataWeave to create an order object.

What is the correct DataWeave code for the Set Payload transformer in the createOrder flow to use the addItem child flow to add a router call with the price of 100 to the order?

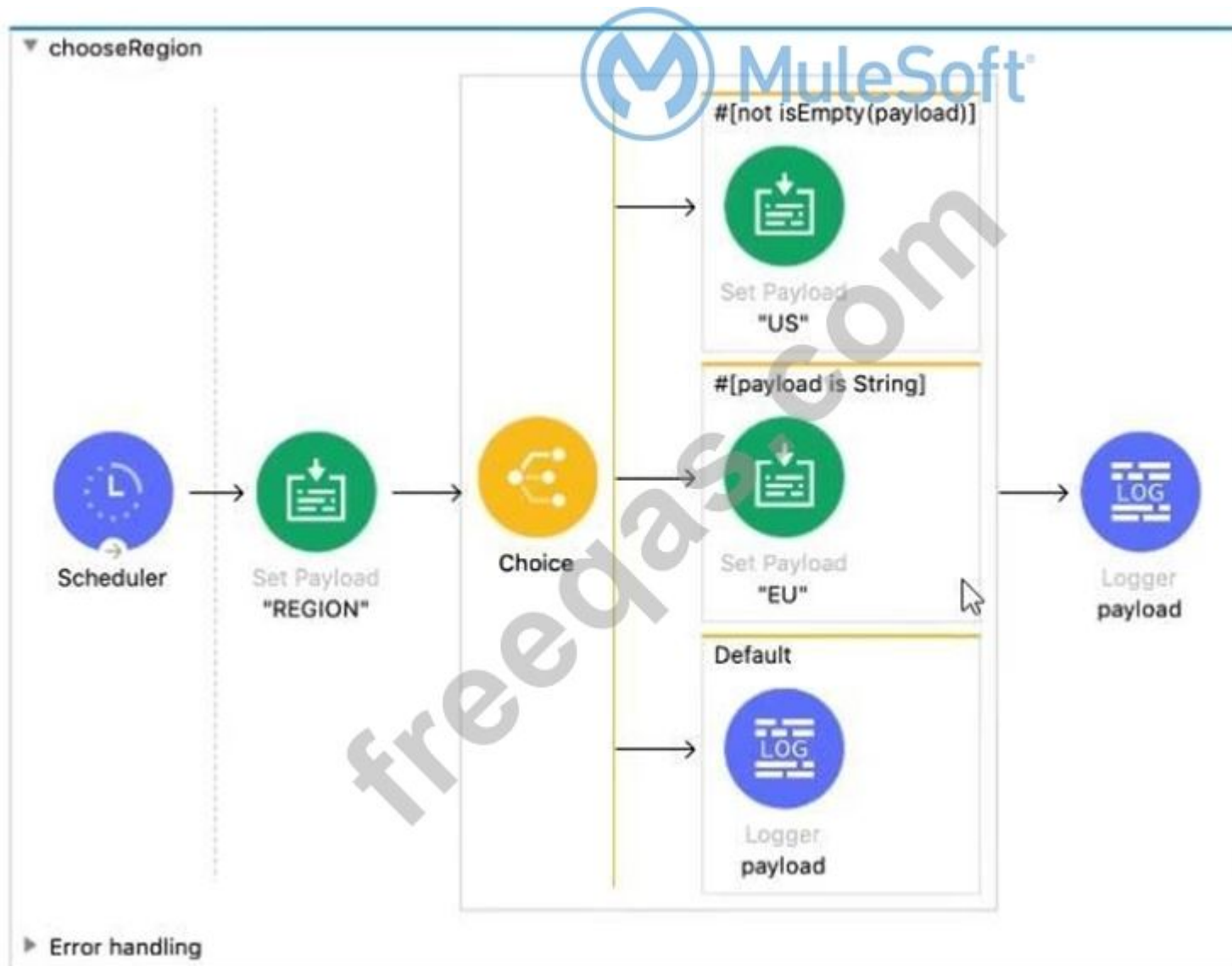


- A. addItem( { payload: { price: "100", item: "router", itemType: "cable" } } )
- B. lookup( "addItem", { price: "100", item: "router", itemType: "cable" } )
- C. addItem( { price: "100", item: "router", itemType: "cable" } )
- D. lookup( "addItem", { payload: { price: "100", item: "router", itemType: "cable" } } > )

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 106

Refer to the exhibits.



```

<flow name="chooseRegion" >
  <scheduler doc:name="Scheduler" >
    <scheduling-strategy >
      <fixed-frequency frequency="5000"/>
    </scheduling-strategy>
  </scheduler>
  <set-payload value='#[ "REGION" ]' doc:name="REGION" />
  <choice doc:name="Choice" >
    <when expression='#[not isEmpty(payload)]' >
      <set-payload value='#[ "US" ]' doc:name="US" />
    </when>
    <when expression='#[payload is String]' >
      <set-payload value='#[ "EU" ]' doc:name="EU" />
    </when>
    <otherwise>
      <logger level="INFO" doc:name="payload" message="#[payload]"/>
    </otherwise>
  </choice>
  <logger level="INFO" doc:name="payload" message="#[payload]"/>
</flow>

```

A Mule application contains a Choice router. What is logged when the flow completes?

- A. US
- B. EU

C. ["US", "EU"]

D. "REGION"

Answer: ([SHOW ANSWER](#))

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### NEW QUESTION: 107

A Mule project contains a DataWeave module like WebStore.dwl that defines a function named loginUser. The module file is located in the project's src/main/resources/libs/etl folder.

What is correct DataWeave code to import all of the WebStore.dwl file's functions and then call the loginUser function for the login "Todd.Pal@mulesoft.com"?

A. 1. 1. import libs.etl

2. 2. ---

3. 3. WebStore.loginUser("Todd.Pal@mulesoft.com")

B. 1. 1. import \* from libs::etl

2. 2. ---

3. 3. WebStore::loginUser("Todd.Pal@mulesoft.com")

C. 1. 1. import libs.etl.WebStore

2. 2. ---

3. 3. loginUser("Todd.Pal@mulesoft.com")

D. 1. 1. import \* from libs::etl::WebStore

2. 2. ---

3. 3. loginUser("Todd.Pal@mulesoft.com")

Answer: **D** ([LEAVE A REPLY](#))

\* To use custom modules, you need to import the module or functions you want to use by adding the import directive to the head of your DataWeave script, for example:

1) Does not identify any functions to import from the String module:

```
import dw::core::Strings
```

2) To identify a specific function to import from the String module:

```
import camelize, capitalize from dw::core::Strings
```

3) To import all functions from the String module:

```
import * from dw::core::Strings
```

The way you import a module impacts the way you need to call its functions from a DataWeave script. If the directive does not list specific functions to import or use \* from to import all functions from a function module, you need to specify the module when you call the function from your script.

\* In given scenario, it's mentioned to import all of the WebStore.dwl

So correct answer is:

**NEW QUESTION: 108**

A Mule application configured with Autodiscovery implements an API.

Where is governance enforced for policies defined for this Mule application?

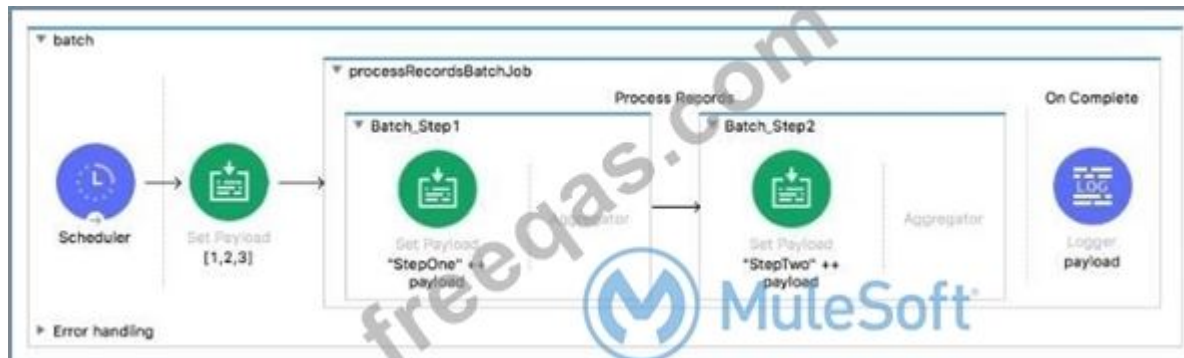
- A. In Runtime Manager
- B. Runtime Manager
- C. In the Mule application
- D. In API manager

**Answer: D (LEAVE A REPLY)**

Correct answer is API manager

**NEW QUESTION: 109**

Refer to the exhibit.



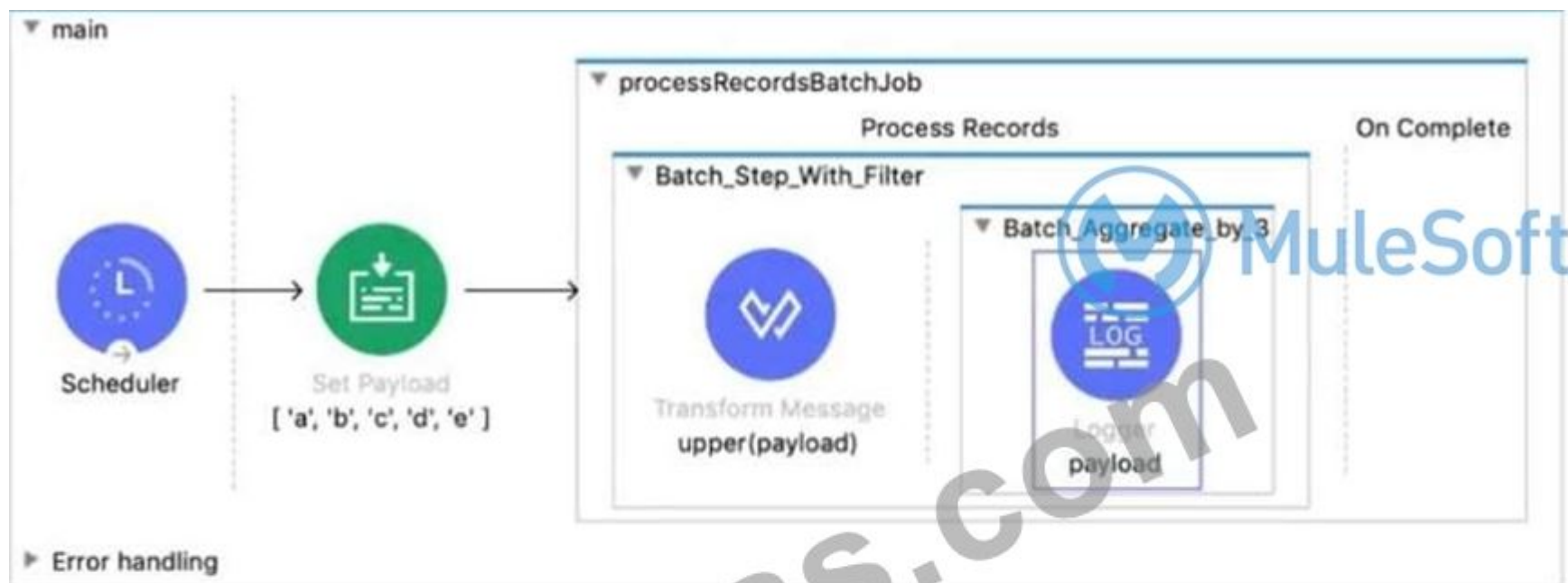
What is the output payload in the On Complete phase

- A. The records processed by all batch steps: [StepTwostepOne1, stepTwostepOne2, StepTwoStepOne3]
- B. summary statistics with NO record data
- C. The original payload: [1,2,3]
- D. The records processed by the last batch step: [StepTwo1, StepTwo2, StepTwo3]

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 110**

Refer to the exhibits.



```

cflow name="main" >
  <scheduler doc:name="Scheduler" > <scheduling-strategy >
    <fixed-frequency frequency="10000"/> </scheduling-strategy> </scheduler>
  <set-payload value="#[['a', 'b', 'c', 'd', 'e']]" doc:name="['a', 'b', 'c', 'd', 'e']" />
  <batch:job jobName="processRecordsBatchJob" >
    <batch:process-records >
      <batch:step name="Batch_Step_With_Filter"
        acceptExpression="#[not (payload contains 'b')] >
        <ee:transform doc:name="upper(payload)"> <ee:message >
          <ee:set-payload ><![CDATA[%dw 2.0
            output application/json
            ---
            upper(payload)]]></ee:set-payload>
          </ee:message></ee:transform>
        <batch:aggregator doc:name="Batch_Aggregate_by_3" size="3">
          <logger level="INFO" doc:name="payload"
            message="#[output application/json --- payload]"/>
          </batch:aggregator>
        </batch:step>
      </batch:process-records>
    </batch:job>
  </cflow>

```

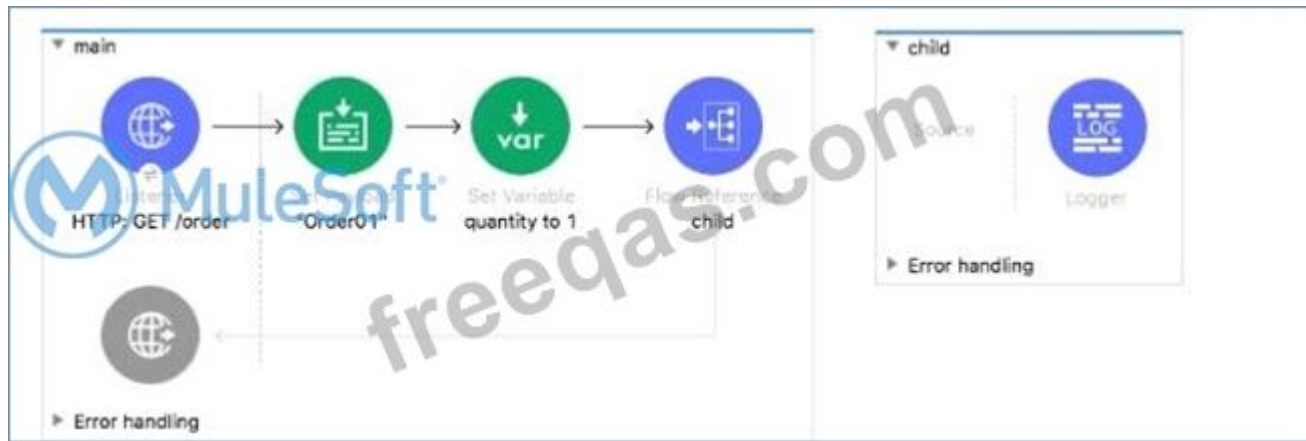
The input array of strings is processed by the batch job that processes, filters, and aggregates the values. What is the last message logged by the Logger component after the batch job completes processing?

- A. [ ["A", "C", "D"], ["E"] ]
- B. ["D", "E"]
- C. [ "A", "C", "D", "E" ]
- D. ["E"]

Answer: A ([LEAVE A REPLY](#))

**NEW QUESTION: 111**

Refer to the exhibit.



The main flow contains a Flow Reference for the child flow.

What values are accessible in the child flow after a web client submits a request to `http://localhost:8081/order? color=red?`

A. payload

B. payload

quantity var

C. payload

color query param

D. payload

quantity var color query param

**Answer: D (LEAVE A REPLY)**

Correct answer is

payload

quantity var

color query param

## NEW QUESTION: 112

Refer to the exhibit.



What Database expression transforms the input to the output?

A)

```
@@
  payload map ( (value, index) ->
    order: {
      item: {
        itemName: value.item,
        total: value.price * value.quantity
      }
    }
  )
})
```

B)

```
order:
  payload map ( (value, index) ->
    item: {
      itemName: value.item,
      total: value.price * value.quantity
    }
  )
```

C)

```
payload map ( (value, index) ->
  order: {
    item: {
      itemName: value.item,
      total: value.price * value.quantity
    }
  }
)
```

D)

```
order:
  @@
  payload map ( (value, index) ->
    item: {
      itemName: value.item,
      total: value.price * value.quantity
    }
  )
})
```

A. Option B

B. Option A

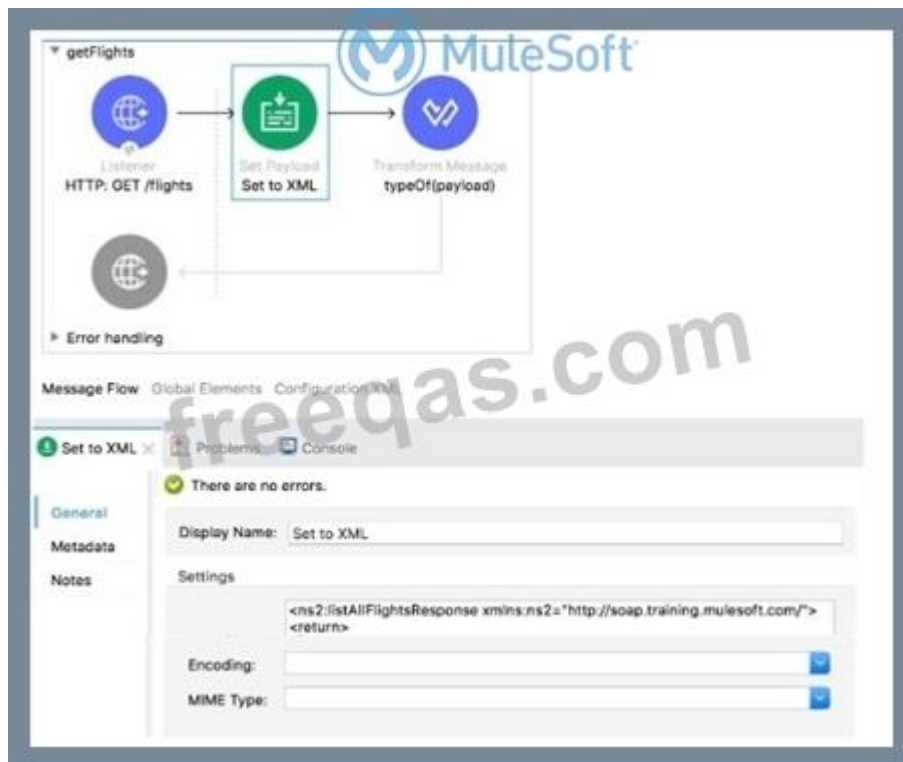
C. Option D

D. Option C

Answer: D ([LEAVE A REPLY](#))

**NEW QUESTION: 113**

Refer to the exhibits.



```

<flow name="getFlights" >
  <http:listener doc:name="HTTP: GET /flights" config-ref="HTTP_listener_config" path="/flights"/>
  <set-payload value="<?xml version='1.0' encoding='UTF-8'>
    <ns2:listAllFlightsResponse xmlns:ns2='http://soap.training.mulesoft.com/'>
      <return>
        <?xml version='1.0' encoding='UTF-8'>
          <listAllFlightsResponse>
            <flight>
              <code>A1B2C3</code>
              <departureDate>2015/03/20</departureDate>
              <airlineName>Delta</airlineName>
            </flight>
          </listAllFlightsResponse>
        </?xml>
      </return>
    </ns2:listAllFlightsResponse>
  </?xml>" doc:name="Set to XML"/>
  <ee:transform doc:name="typeOf(payload)" doc:id="43898508-15e2-4cb7-8d0b-bd9c2929209e" >
    <ee:message><ee:set-payload ><![CDATA[
      output application/json
      ---
      typeOf(payload)]]></ee:set-payload>
    </ee:message>
  </ee:transform>
</flow>

```

A web client submits a request to `http://localhost:8081 /flights`. What is the result at the end of the flow?

- A. "Java"
- B. "object"
- C. "XML"
- D. "string"

Answer: D (LEAVE A REPLY)

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