Mulesoft

MCD-ASSOC

MuleSoft Certified Developer - Integration and API Associate

Question: 53

A RAML specification is defined to manage customers with a unique identifier for each customer record. What URI does Mulesoft recommend to uniquely access the customer identified with the unique ID 1234?
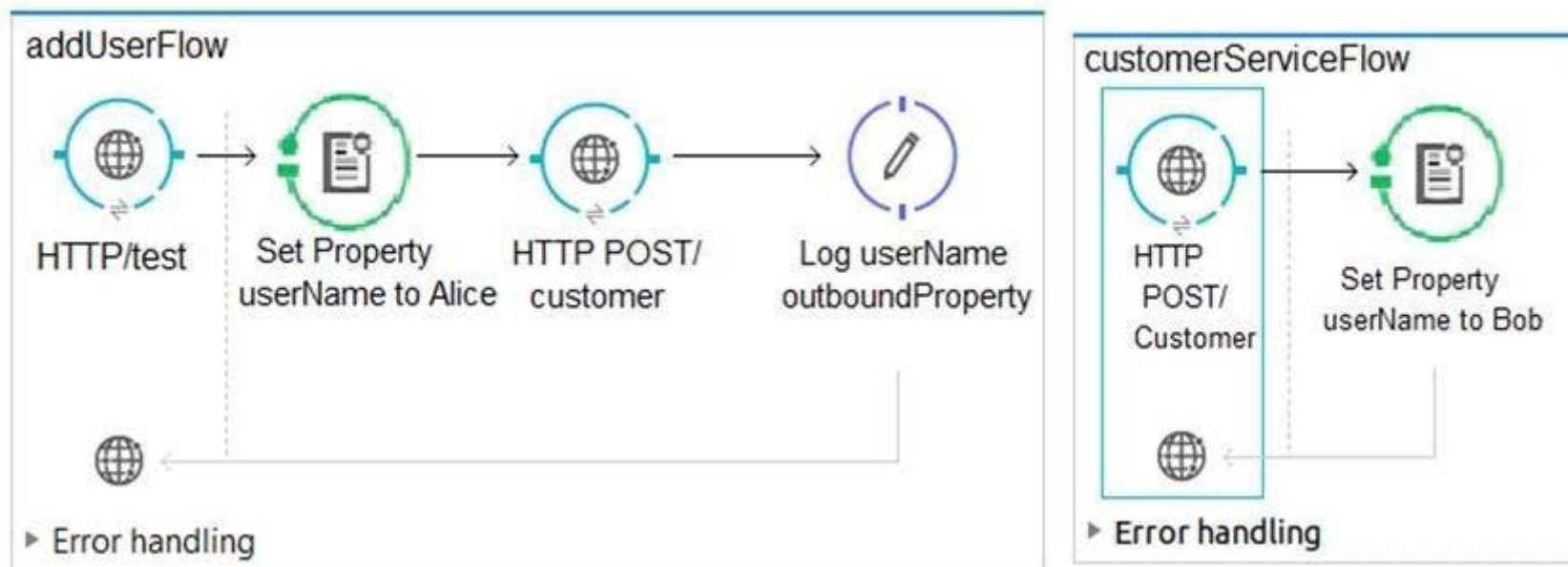
A. /customers/1234
B. /customers?operation=get&custid=1234
C. /customers/custid=1234
D. /customers?custid=1234

Answer: A

Reference: https://dzone.com/articles/designing-api-with-raml

Question: 54

Refer to the exhibits. What value is logged after a web client submits a request to http://localhost:8081/test?userName=Cindy?

```
<flow name= "addUserFlow">
    <http:listener config-ref="HTTP_listener_Conf" path="/*" doc:name= "HTTP
/test"/>
    <set-property propertyName="userName" value"#['Alice'] doc:name= "Set
Property userName to Alice" />
    <http:request config-ref= "HTTP_Request_Conf" path="customer" method=
"POST" doc:name= "HTTP POST /customer" />
    <logger message= "#[message.outboundProperties.userName]" level= "INFO"
doc:name= "Log userName outboundProperty"/>
</flow>

<flow name= "customerServiceFlow">
    <http:listener config-ref= "HTTP_Listener_Conf" path="/customer"
doc:name="HTTP POST /customer" allowedMethods="POST">
        <http:response-builder>
        </http:response-builder>
    </http:listener>
    <set-property propertyName= "userName" value= "#['Bob']" doc:name= "Set
Property userName to Bob" />
</flow>
```
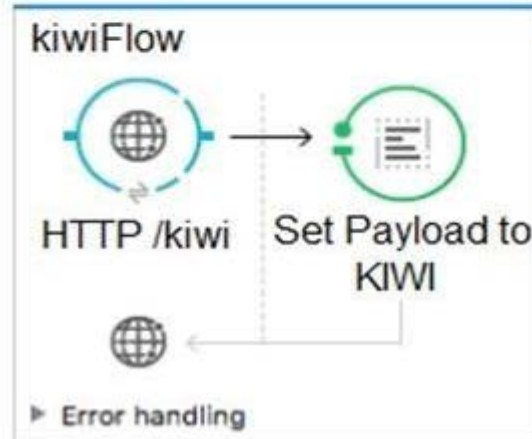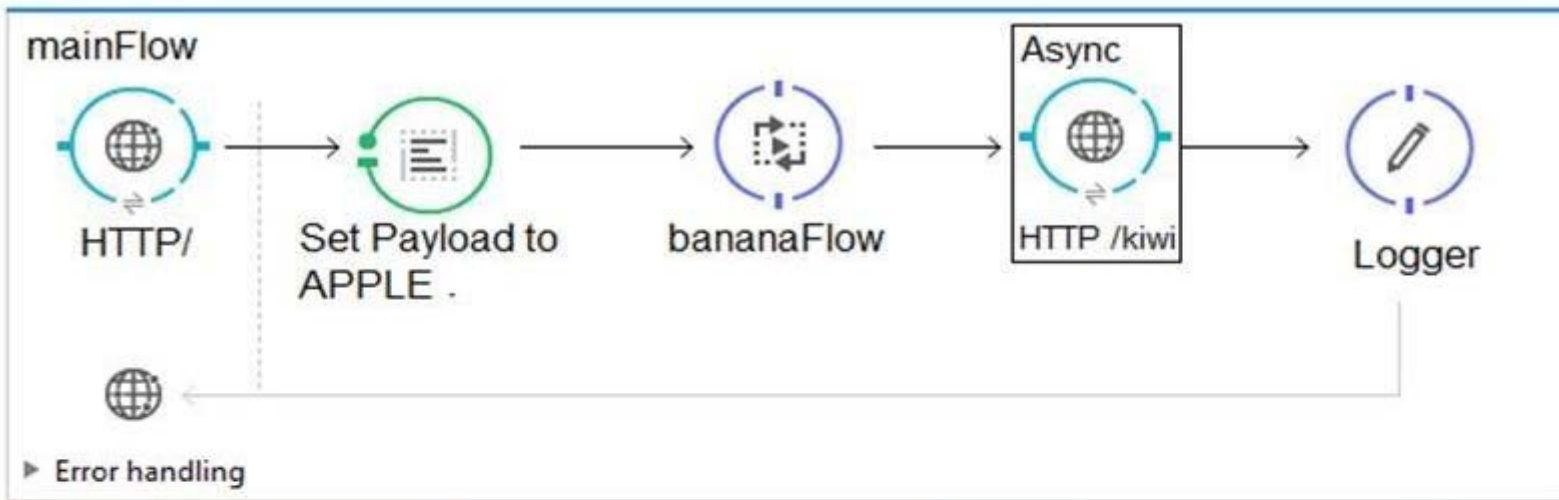
A. null
B. Alice
C. Cindy
D. Bob

Answer: A

Question: 55

Refer to the exhibits. What is the expected payload at the end of mainFlow?

```
<flow name="mainFlow">

<http:listener config-ref= "HTTP_Listener_Configuration"
      path="/" doc:name= "HTTP /" />
<set-payload value= "APPLE" doc:name= "Set Payload to APPLE"/>

<flow-ref name= "bananaFlow" doc:name= "bananaFlow" />
<async doc:name= "Async">
      <https:request config-ref= "HTTP_Request_Configuration" path= "/kiwi" method= "GET"
doc:name= "HTTP /kiwi "/>
<async>
<logger level= "INFO" doc:name= "Logger"/>
</flow>

<flow name="bananaFlow">
      <set-payload value= "BANANA" doc:name= "Set Payload to BANANA"/>

</flow>
<flow name= "kiwiFlow" processingStartegy= "synchronous">
      <http:listener config-ref= "HTTP_Listener_Configuration" path="/kiwi" doc:name=
"HTTP /kiwi"/>
      <set-payload value= "KIWI" doc:name= "SetPayload to KIWI"/>
</flow>
```

A. KIWI
B. APPLE

C. Null
D. BANANA

Question: 56

Refer to the exhibit. What DataWeave expression transforms the input to the output?

```json
json_1.json
[
    {
        "orderID": 592,
        "shipping": "international",
        "item": "T-shirt Navy",
        "size": "L",
        "quantity": 1,
        "price": 20
    },
    {
        "orderID": 972,
        "shipping": "domestic",
        "item": "Cargo shorts",
        "size" : "L",
        "quantity": 2,
        "price": 30
    }
]
```

Output Payload

```
1  %dw 1.0
2  %output application/xml
3
4
5  ---
6
7
8
9
10
11
12
13
14
15
16
```

```xml
<?xml version='1.0' encoding='UTF-8'?>
<order>
    <item>
        <itemName>T-shirt Navy</itemName>
        <total>20</total>
    </item>
    <item>
        <itemName>Cargo shorts</itemName>
        <total>60</total>
    </item>
</order>
```

A.
```
order:
  {(
      payload map item: {
          itemName: $.item,
          total: $.price * $.quantity
      }
  )}
```
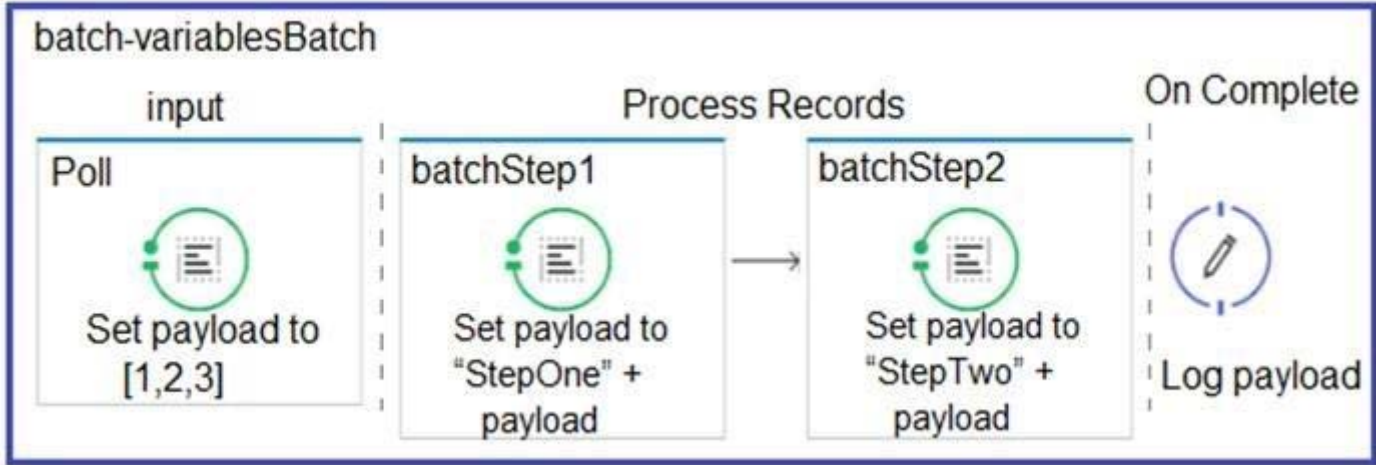**B.**
```
order:
    payload map item: {(
        itemName: $.item,
        total: $.price * $.quantity
    )}
```
C.
```
{(
  payload map order: { item:
      itemName: $.item,
      total: $.price * $.quantity
  }
)}
```
D.

```
payload map order: item: {
    itemName: $.item,
    total: $.price * $.quantity
}
```

Explanation
Reference: https://blogs.mulesoft.com/dev/anypoint-platform-dev/weaving-it-with-dataweave-expression/
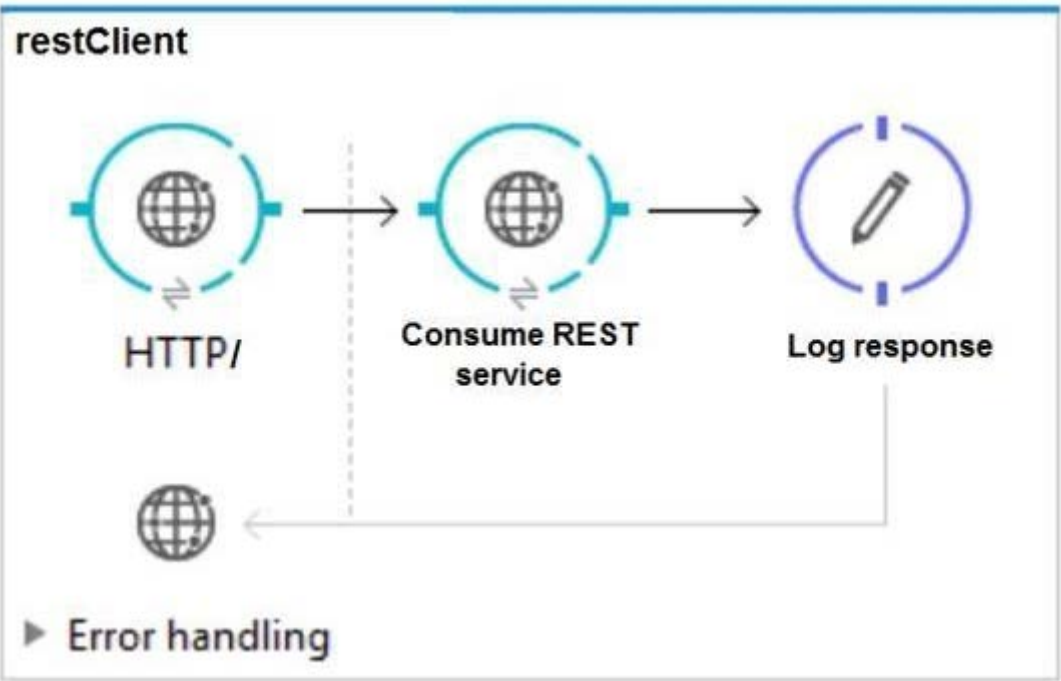Question: 57

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]

Reference: https://docs.mulesoft.com/mule-runtime/4.2/batch-processing-concept
Question: 58

Refer to the exhibits. The http:request has failed with a Tiemout execeeded error. What HTTP Request parameter must be modified to resolve this error?

restClient

HTTP/ → Consume REST service → Log response

► Error handling

```
********************************************************************
Message          : Error sending HTTP request to http://localhost:8082/.
Payload          : {NullPayload}
Payload Type        : org.mule.transport.NullPayload
Element          : /restClient/processors/0 @ mcd-assoc-4.01.02-ram-rest-consumer-error:rest-
consumer-error.xml:25
Element XML         : <http:request config-ref="HTTP_Request_Configuration_localhost8082"
path="/" method= "GET" doc:name=
----------------------------------------------------------------------------------------------
------------

Root Exception stack trace:
java.utl.concurrent.TimeoutException: Timeout exceeded

     at com.ning.http.client.providers.grizzly.GrizzlyAsyncHttpProvider.timeout
(GrizzlyAsyncHttpProvider.java:433)
     at com.ning.http.client.providers.grizzly.GrizzlyAsyncHttpProvider$3.onTimeout
(GrizzlyAsyncHttpProvider.java:281)
     at org.glassfish.grizzly.utils.IdleTimeoutFilter$DefaultWorker.doWork
(IdleTimeoutFilter.java:402)
     at org.glassfish.grizzly.utils.IdleTimeoutFilter$DefaultWorker.doWork
(IdleTimeoutFilter.java:381)
     at org.glassfish.grizzly.utils.DelayedExecutor$DelayedRunnable.run(DelayedExecutor.java:158)
     at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
     at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
     at java.lang.Thread.run(Thread.java:745)

********************************************************************
```
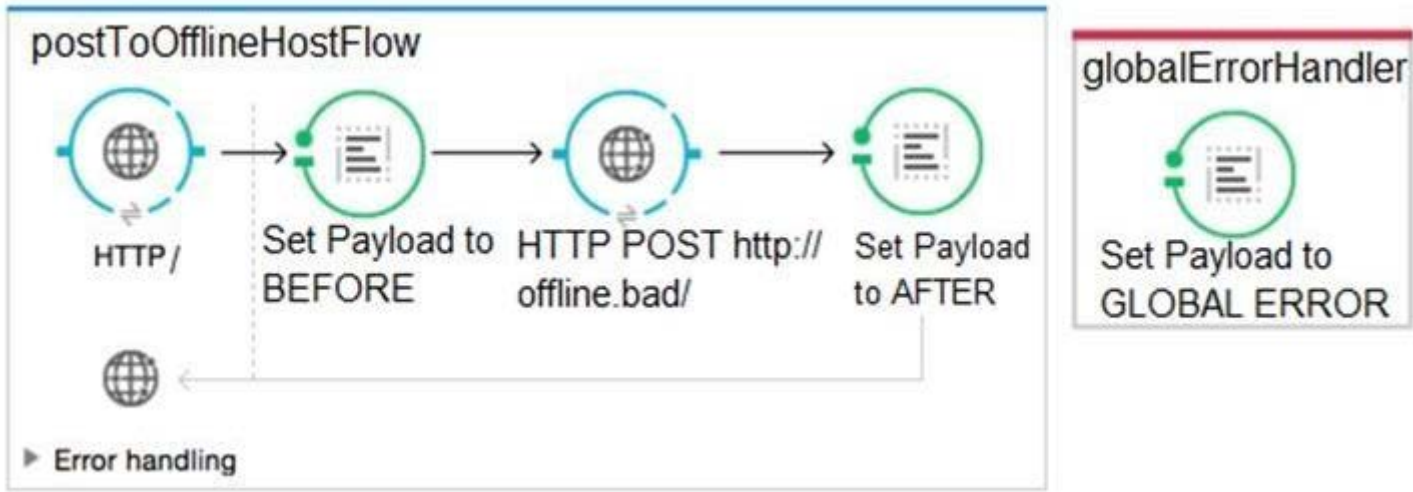
A. Client Certificate Timeout
B. Transaction Timeout
C. Connect Idle Timeout
D. Response Timeout

Answer: D

Question: 59

Refer to the exhibits. A Mule application is configured to use the globalErrorHandler exception handler.
When the flow is executed, a request is made to a host that is currently offline and a Java exception is thrown with the message "Error sending HTTP request to http://offline.bad:80/".
What response is returned to a web client request to postToOfflineHostFlow's HTTP Listener?
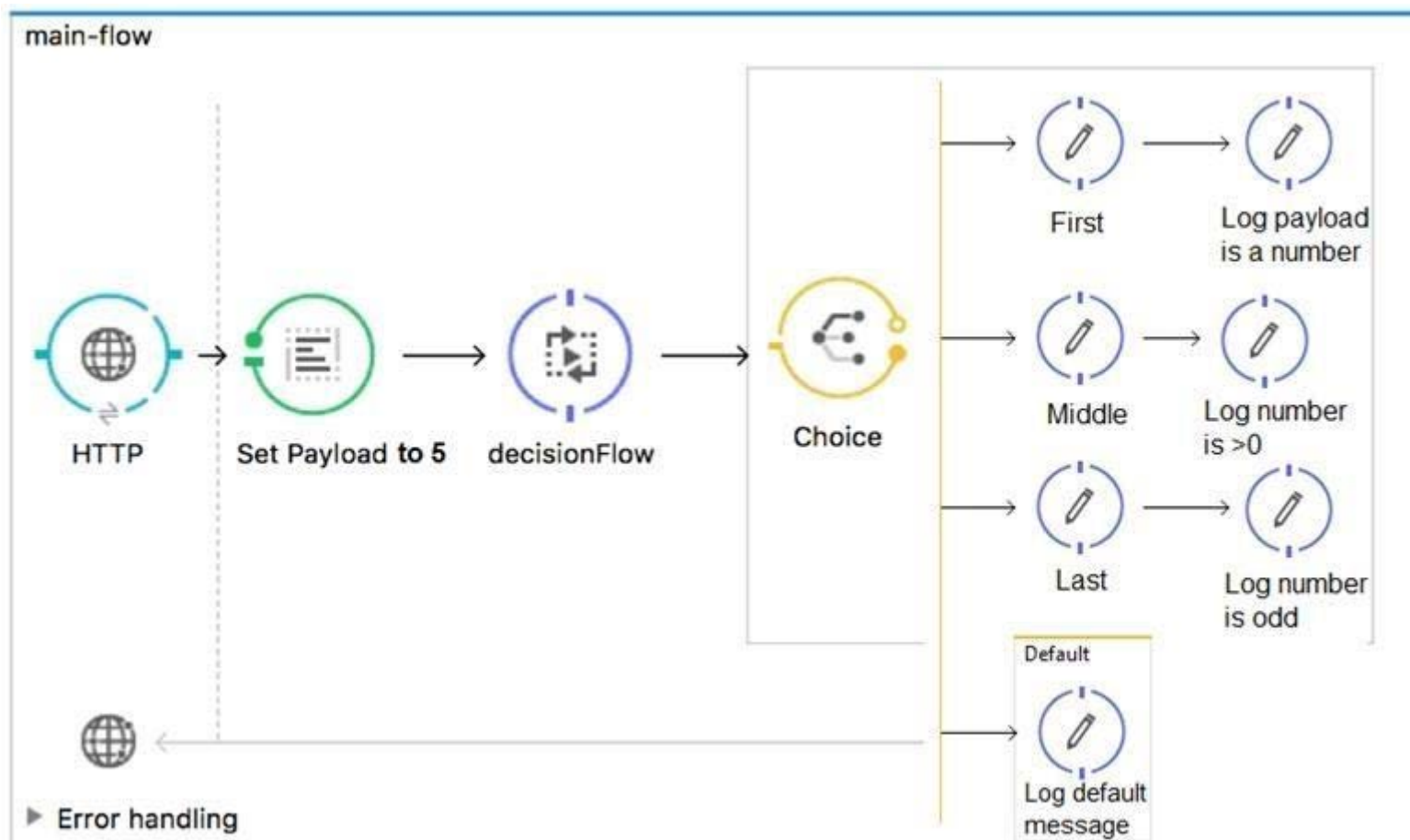

A. AFTER
B. BEFORE
C. Error sending HTTP request to http://offline.bad:80/
D. GLOBAL ERROR

Answer: C

Question: 60

Refer to the exhibit. All three of the conditions for the Choice router are true. What message processors are executed?

A. First
B. First, Default
C. First, Middle, Last
D. First, Middle, Last, Defaul

Answer: C

Reference: https://docs.mulesoft.com/mule-runtime/3.9/choice-flow-control-reference

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