Q1. A company has an API to manage purchase orders, with each record identified by a unique purchase order ID. The API was built with RAML according to MuleSoft best practices.
What URI should a web client use to request order P05555? A/orders/{P05555}
O B/orders/order=P05555
○ C/orders?order=P05555
O D/orders/P05555 Ans : A
Q2. 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? O ASet the watermark column to the bgin_date_time column
BSet the target value to the last retrieved login_date_time value

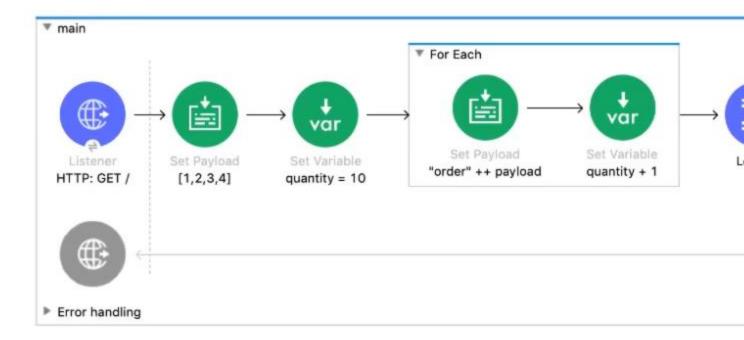
CSet the target value to the last retrieved user_jd value

O DSet the watermark column to the user_ld column

Q3.

Ans : B

Refer to the exhibits.



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

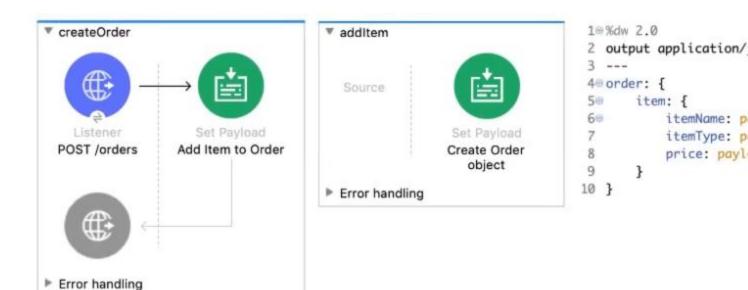
- O A[[1,2,3,4], 14]
- B[[order1, order2, order3, order4], 14]
- O C[[1,2,3,4], 10]
- O D[orderlorder2order3order4,14] Ans :B

Q4.

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" )
AOption A
BOption B
COption C
DOption D
Ans :c
Q5.
Refer to the exhibits.
```



The Set Payload transformer in the additem subflow 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 addltem subflow to add a router cable with the price of 100 to the order?

- Aaddltemf { payload: { price: '100', item: 'router', itemType: 'cable' } >)
- O Blookupf 'addltem', { payload: { price: '100', item: 'router', itemType: 'cable' } })
- CaddItemf { price: '100', item: 'router', itemType: 'cable' })
- O Dlookupf 'addltem', { price: '100', item: 'router', itemType: 'cable' }) ANS: b

What condition requires using a CloudHub Dedicated Load Balancer?

- AWhen cross-region load balancing is required between separate deployments of the same Mule application
- **B**When custom DNS names are required for API implementations deployed to customer-hosted Mule runtimes
- CWhen API invocations across multiple CloudHub workers must be load balanced

O DWhen server-side load-balanced TLS mutual authentication is required between API implementations and API clients

Ans:B

Question 2

When designing an upstream API and its implementation, the development team has been advised to not set timeouts when invoking downstream API. Because the downstream API has no SLA that can be relied upon. This is the only donwstream API dependency of that upstream API. Assume the downstream API runs uninterrupted without crashing. What is the impact of this advice?

- AThe invocation of the downstream API will run to completion without timing out.
- O BAn SLA for the upstream API CANNOT be provided.
- CA default timeout of 500 ms will automatically be applied by the Mule runtime in which the upstream API implementation executes.
- O DA load-dependent timeout of less than 1000 ms will be applied by the Mule runtime in which the downstream API implementation executes.

Answ

Question 3

An API has been updated in Anypoint Exchange by its API producer from version 3.1.1 to 3.2.0 following accepted semantic versioning practices and the changes have been communicated via the API's public portal. The API endpoint does NOT change in the new version. How should the developer of an API client respond to this change?

AThe update should be identified as a project risk and full regression testing of the functionality that uses this API should be run.

○ B The API producer should be contacted to understand the change to existing functionality.
Calcal Ca
○ D The API client code ONLY needs to be changed if it needs to take advantage of new features.
Question 4
A new upstream API Is being designed to offer an SLA of 500 ms median and 800 ms maximum (99th percentile) response time. The corresponding API implementation needs to sequentially invoke 3 downstream APIs of very similar complexity. The first of these downstream APIs offers the following SLA for its response time: median: 100 ms, 80th percentile: 500 ms, 95th percentile: 1000 ms. If possible, how can a timeout be set in the upstream API for the invocation of the first downstream API to meet the new upstream API's desired SLA?
ASet a timeout of 100 ms; that leaves 400 ms for the other two downstream APIs to complete
○ B Do not set a timeout; the Invocation of this API Is mandatory and so we must wait until it responds
CSet a timeout of 50 ms; this times out more invocations of that API but gives additional room for retries
ONo timeout is possible to meet the upstream API's desired SLA; a different SLA must be negotiated with the first downstream API or invoke an alternative API

Ans : D

Question 5

An organization has several APIs that accept JSON data over HTTP POST. The APIs are all publicly available and are associated with several mobile applications and web applications. The organization does NOT want to use any authentication or compliance policies for these APIs, but at the same time, is worried that some bad actor could send payloads that could somehow compromise the applications or servers running the API implementations. What out-of-the-box Anypoint Platform policy can address exposure to this threat?

- Apply a Header injection and removal policy that detects the malicious data before it is used
- **B**Apply an IP blacklist policy to all APIs; the blacklist will Include all bad actors
- CShut out bad actors by using HTTPS mutual authentication for all API invocations
- O DApply a JSON threat protection policy to all APIs to detect potential threat vectors

ans: B

Question 6

An organization is implementing a Quote of the Day API that caches today's quote. What scenario can use the CloudHub Object Store connector to persist the cache's state?

- AWhen there is one deployment of the API implementation to CloudHub and another one to customer hosted mule runtime that must share the cache state.
- **B**When there are two CloudHub deployments of the API implementation by two Anypoint Platform business groups to the same CloudHub region that must share the cache state.

0	C When the	ere is one	CloudHub	deployment of	of the API	implementation	to
thr	ree workers	that mus	t share the	cache state.			

DWhen there are three CloudHub deployments of the API implementation to three separate CloudHub regions that must share the cache state.

Answer:A

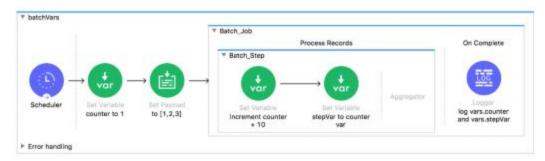
Question 7

An organization is evaluating using the CloudHub shared Load Balancer (SLB) vs creating a CloudHub dedicated load balancer (DLB). They are evaluating how this choice affects the various types of certificates used by CloudHub deployed Mule applications, including MuleSoft-provided, customer-provided, or Mule application-provided certificates. What type of restrictions exist on the types of certificates for the service that can be exposed by the CloudHub Shared Load Balancer (SLB) to external web clients over the public internet?

- AUnderlying Mule applications need to implement own certificates
- O BOnly MuleSoft provided certificates can be used for server side certificate
- COnly self signed certificates can be used
- O DAII certificates which can be used in shared load balancer need to get approved by raising support ticket

Ans: B

Refer to the exhibit. What are the values of the counter and stepVar variables in the On Complete phase?



0

Counter: 31, stepVar: 31

O

Counter: 1, stepVar: 31

0

Counter: 31, stepVar: null

0

Counter: 1, stepVar: null

Ans: C

What MuleSoft product enables publishing, sharing, and searching of APIs?

C

API Designer

0

API MUnit

Anypoint Exchange

C

API Notebook

ANS: C

Refer to the exhibit. What are the values of the counter and stepVar variables after the Batch Job?



O

Counter: 31, stepVar: 31

0

Counter: 1, stepVar: 31

O

Counter: 1, stepVar: null

0

Counter: 31, stepVar: null

Ans: D

A Batch Job scope has three batch steps. An event processor in the second batch step throws an error because the input data is incomplete. What is the default behavior of the batch job after the error is thrown?

0

Event processing continues to the third batch step

0

All processing of the batch job stops

0

The second batch step is retried

The first batch step is retried

Ans:b

Refer to the exhibits. What is the output of the Logger component in the Batch Job?

```
corus >
name="Batch_Step_Bith_Filter" acceptExpression="#[(mayload mod 2) ]= 0]">
sform doc:name="Divide by 3" >
mssage >ome:set-goyload ><![CDATA[Xdm 2.0]
                                               output application/java
                                         «/batich: process-reconfis
                                  </butch: jobs
[.333]
[1]
[.333, 1]
[.333, .667, 1, 1.333]
[.333]
[.667]
[1]
[1.333]
In a RAML specification, what attribute defines a query
parameter to be optional for a resource?
Required: false
Optional: true
Provided: false
Mandatory false
What is NOT part of a Mule 3 message?
Payload
InboundProperties
```

OutbountProperties	
ariables	
Attachments Answer: C What out-of-the-box policy can safeguard against Denial of Service type attacks? Rate limiting	
Throttling	
Cross-origin resource sharing	
DAP security manager Ans:D A Mule application properties file named training-DEVproperties has been defined. How is the properties file referenced in the Mule application?	
n an attribute in the main mule element	
n a Property Placeholder element	
s a -M-D placeholder when starting the Mule runtime	
n an attribute in the HTTP Listener element Answer: D What port number is used to expose the domain URL of a Mule Application deployed to CloudHub?	

© 81
© 80
Name of the status of the stat
© Set Payload
© Property
© Record Variable
Attachment Answer : B What property of a Mule message is immutable? Attachments
OutboundProperties
© Session Variables
© Payload
O InboundProperties
C Flow Variables Answer : A

A Mule application has two flows named parentFlow and childFlow. A variable is defined in parentFlow. What is true for a Mule subflow?

O It can have its own exception strategy
O It is executed synchronously
O An external client can send messages directly to it
It must be in the same configuration file as the parent flow Answer : A
What is the default processing strategy of a one-way flow?
Queued-asynchronous
Synchronous
O Non-blocking
C Thread-per-processor
Queued-thread-per-processor Answer : C
What is required for two Mule applications to share data using a VM connector component?
O Put the Mule applications in the same Anypoint Platform environment
O Put the Mule applications in the same Anypoint Platform business group
O Put the Mule applications in the same non-default Mule domain
O Put the Mule applications in the same default Mule domain

Answer: B
How are outbound properties automatically passed to an outbound REST request using an HTTP Request component?
As headers
As query parameters
O As URI parameters
0
In the message payload
0
As attachments
As flow variables Answer : B
A WSDL defines a conversionRate operation with an input
message that requires two parts: fromCurrency and toCurrency.
How are from Currency and to Currency set in the flow in order to
call the conversionRate operation using a Web Service
Consumer component?
In two flow variables
As outbound properties
0
As inbound properties
In the message payload
As attachments
Answer : c

What is NOT a way to pass data to a RESTful web service in a flow using an outbound HTTP Request component?
Set URI parameters in the HTTP Request component
C Set inbound properties before the HTTP Request component
© Set query parameters in the HTTP Request component
Set outbound properties before the HTTP Request component What asset can NOT be created using Anypoint Platform Design Center? API Specifications
O Mule Applications
O API Fragments
API portals An exception is caught by a choice exception strategy. How is the exception routed? O To all exceptions whose conditions evaluate to true
To the first exception strategy whose condition evaluates to true
O To the first exception strategy whose condition evaluates to true and to the default exception strategy
To the first exception strategy whose condition evaluates to true and to the global exception strategy How is a default exception strategy set in a Mule application?

In a configuration global element in any Mule configuration XML file
O In the mule-app.properties file
O As an attribute of one or more flow configuration elements in one or more Mule configuration XML files
O As an attribute of a global exception strategy
As a JVM system environment variable A Payload filter is configured to test for type javalang_String. What happens when the filter is passed a message with the payload null?
The Mule application stops
The message is replayed from the start of the flow
The message is passed to subsequent message processors
All subsequent message processors are skipped What module and operation will throw an exception if a Mule event's payload is not a number?
Validation module's Is number operation
O Validation module's Is not number operation
© Filter's module's Is number operation
© Filter's module's Is not number operation

Where can the next message processor access a JMS messages header? **Outbound property** Inbound property Payload 0 Attachment Flow variable What part of a Mule flow can contain a Poll scope? Async scope Message source For Each scope Message Enricher scope How is a Poll scope's watermark accessed from a message processor in a flow? In a session variable In an outbound property In an inbound property In a flow variable

0

A Mule flow has a JMS queue listener as the message source.

In a header

A File connector configured to read files from a /mule/input directory. All other File connector settings are the default settings. What happens to a file after it is processed by the File connector?

C

The file is moved to /mule/output

The file is deleted from the input directory, but is not moved anywhere

O

The file is moved to /tmp

Ö

The file stays in the input directory

What phase of a batch job using a Batch scope must contain at least one message processor?

0

Input

O

Load and Dispatch

 \bigcirc

Process Records

Ö

On Complete

A message payload is modified using a Message Enricher scope with an empty target. What is true about the message payload that leaves the Message Enricher scope?

O

The payload is changed to the modified payload

0

The modified payload is stored in a flow variable

0

The modified payload is stored as an inbound property

0

The payload returns to the original payload
The modified payload is stored as an outbound property A Batch scope has three batch steps. A message processor in the second batch step throws an exception because the input data is incomplete. What is the default behavior after the exception is thrown?
Continues to the third batch step
O Stops processing the entire batch job
C Retries the second batch step
0
Retries the first batch step What is the purpose of the api:router element in APIkit?
Routes requests to API implementations, but does not validate them against RAML API specifications
O Routes responses to the caller, but does not validate them against RAML API specifications
O Validates requests against RAML API specifications and routes them to API implementations
Validates responses returned from API requests and routes them to the caller What is the scope of a record variable in a Batch scope?
In a single batch step, but not in the other batch steps
O In all batch steps, but not in the On Complete phase
O In the message source, each batch step, and the On Complete phase

A web client submits a GET request to a Mule 4 application to
the endpoint /customers?id=48493. Where is the id stored in the Mule event by the HTTP Listener?
Inbound properties
O Variables
O Attributes
O Payload
Assume that a database table contains a record ID column that always increases as new records get added to the table. In a Mule application, what is the key process to enable manual watermarking for requests to a database using the Scheduler endpoint and the Database SELECT operation?
Save the max recordID from the set of recordIDs in an ObjectStore and reference this record in subsequent database requests
© Enable automatic watermarking in the Database SELECT operation
O Set the Watermark column in the Scheduler endpoint to the recordID
Save the max recordID from the set of recordIDs in a variable and reference this variable in subsequent database request How is the success of a Center for enablement measured? Measured on policies in place
©
Measured on asset consumption

	Measured on accessibility of assets
1.	Measured on number of assets available What are four ways APIs provide the info for how to communicate with a software component? (Select 4 lol)
	Operations (what to call)
	Inputs (what to send with a call)
	Outputs (what you get back from a call)
	Underlying data types
	Submit My Answer
	This defines what you can call, what you send it, and what you get back: O API Specification
	O API Proxy
	© Web Service An API has been created in Design Center. What is the next step to make the API discoverable? © Deploy the API to a Maven repository
	© Enable autodiscovery in API Manager
	O Publish the API from inside flow designert
	C Publish the API to Anypoint Exchange

What is an application that controls access to a web service, restricting access and usage with an API gateway? **API Specification API Proxy** 0 Web Service What is the actual implementation you can make calls to or the interface of that API implementation? **API Specification API Proxy** Web Service How are SOAP web services defined? In an XML-based WSDL (Web Services Description Language) file 0 DUH In what file does the Mule project keep track of all of its dependencies? Mule-artifact.json Pom.xml Mule-app.properties \bigcirc Global.xml What do RESTful web services use? Existing HTTP communication protocol

O DUH
What is the minimum required configuration in a flow for a Mule application to compile?
An event processor/A message processor in the Process section of a flow
O An event/message processor in the Source section of a flow
O An empty flow
A message processor in both the Source and Process sections of a flow What can ONLY be done with VM connectors, and NOT with Flow References, in a single Mule application?
O Preserve variables as the Mule event gets passed to another flow
O Allow a flow to pass events to another flow synchronously
O Preserve the original payload when the VM connector returns a response from a flow
Allow a flow to pass events to another flow asynchronously Which RESTful web service request method partially updates a resource? GET
C POST
O DELETE
C PUT
O

PATCH Which RESTful web service request method creates a new
resource?
© GET
O POST
O DELETE
O PUT
PATCH An inbound Database connector is configured to select rows from a MySQL database. What is the format of results returned from the database query?
Java
O JSON
C XML
CSV Which RESTful web service request method deletes a resource? CGET
© POST
O DELETE
O PUT

PATCH
What is NOT part of a Mule 4 event?
0
Message
0
Payload
InboundProperties
Attributes
What file type is required to configure a Web Service Consumer
to consume a SOAP web service?
O
RAML
WSDL
0
JSON
OAS
How does APIkit determine the number of flows to generate
from a RAML specification?
O
Creates a separate flow for each HTTP method
Creates a separate flow for each resource
Creates a separate flow for each resource that contains child resources
Creates one flow for the entire API spec
Creates one flow for the entire API spec
Creates a concrete flow for each response status and
Creates a separate flow for each response status code

How are guery parameters dynamically passed to an outbound REST request using an HTTP Request operation? As guery parameters in the HTTP Request operation 0 As URI parameters in the HTTP Request operation In the Mule's event's payload \bigcirc As flow variables As attributes in a Transform Message component before the HTTP Request operation As attributes in the HTTP Listener operation What is the purpose of API autodiscovery? Enables API Manager to discover the published API on Anypoint Exchange Allows the Mule application to be automatically discovered on Anypoint Exchange Enables the API to be directly manage in API Manager Allows a deployed Mule application to connect with API Manager to download policies and act as its own API proxy 1. Refer to the exhibit: #%RAML 1.0 title: ACME Medical API baseUri: https://dev.acme.com/api/patients: GET: queryParamet ers: year: type: integer example: 2017 What is the correct URL to perform a GET request to /patients? Http://dev.acme.com/patients?year=2016

 \bigcirc

Http://dev.acme.com/api/patients

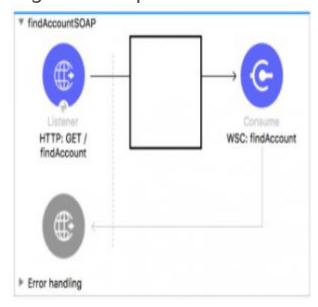
O

Http://dev.acme.com/patients

0

Http://dev.acme.com/api/patients?year=2016

Refer to the exhibit. The flow calls a SOAP endpoint using the Consume operation of the Web Service Consumer. The SOAP service has a required input parameter. What event processor can be used to build the SOAP envelope with the required argument to pass to the SOAP service?



C

Set Property

 \circ

Build SOAP

Transform Message

0

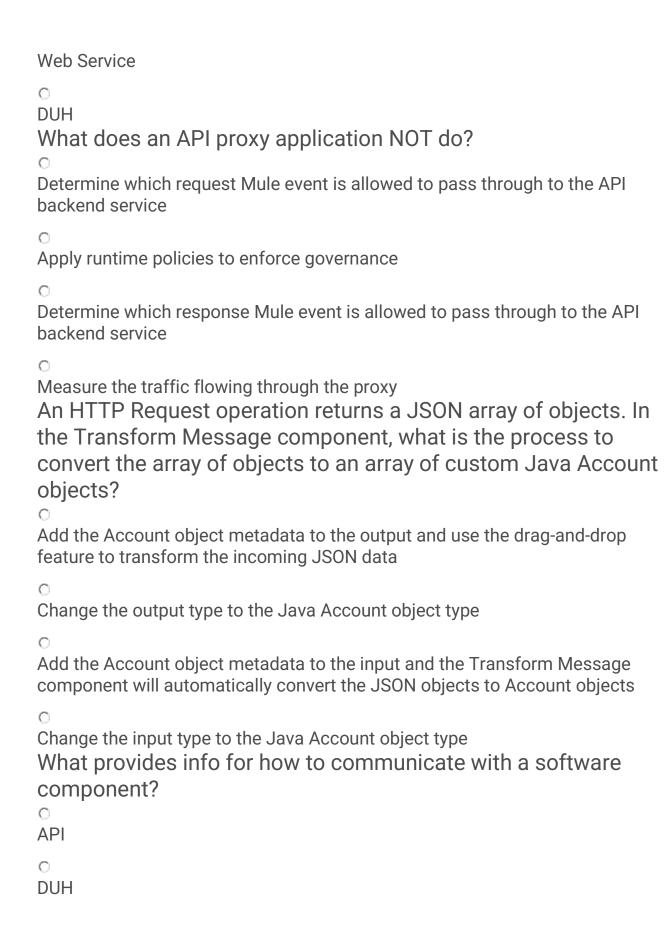
JSON to XML

O

Set Attachment

Which RESTful web service request method retrieves the current state of a resource in some representation (usually JSON or XML)
© GET
O POST
O DELETE
O PUT
PATCH Which RESTful web service request method replaces a resource completely? (If the resources doesn't exist a new one is created) GET
O POST
O DELETE
O PUT
PATCH A RAML example fragment named BankAccountsExample.raml is placed in the examples folder in an API specification project. What is the correct syntax to reference the fragment?
Example: !include BankAccountsExample.raml
© Example: #import BankAccountsExample.raml

© Example: !include examples/BankAccountsExample.raml
Example: #import examples/BankAccountsExample.raml What are four benefits of API portals? (Choose 4)
Documentation and examples
□ Way to register applications and get access to the API
Way to provide feedback and make requests
□ Way to test the API by making calls to it
Submit My Answer
What is the maximum number of Mule applications that can run in a Cloud Hub Worker? At most one
At least one
© Depends on the vCores
Depends on the number of CloudHub workers configured What takes data and devices connected with APIs to make them pluggable and to create reusable services?
Application network
DUH What is a method of communication that allows two software systems to exchange data over the internet?



What do RESTful web services use?
Standard HTTP protocol
ODUH When a REST API is added to the exchange, what is automatically created for it? OAPI Portal
ODUH What are three things an API portal has? (Choose 3) Auto-generated API documentation
API console
Auto-generated API endpoint that uses a mocking service
Submit My Answer
Refer to the exhibit: 1 #%RAML 1.0 2 title: American Flights API 3 version: 10 4 5 /flights: 6 get: 7 8 /{flight_id}: 9 10 get: There is an error in the flight_id resource's GET method. What needs to be done to fix the problem?
Remove blank line on row 9
© Enclose flight_id with parenthesis () instead of curly braces {}
O Indent the get method under the {flight_id} resource
Outdent the {flight_id} resource
© Remove the curly braces {} around flight_id

What is the process to create a connector using REST Connect? Develop the API in flow designer and publish the API to Exchange Design the API in Anypoint Studio and upload the API to Runtime Manager Design the API In Design Center and publish the API to Exchange \bigcirc Develop the API in Anypoint Studio and export the connector as a jar file When is a connector automatically created? When a RAML 1.0 API specification is added to the exchange DUH What application is used for building integration apps that connect systems and consume APIs? 0 API designer 0 **Anypoint Studio** Flow Designer How are multiple conditions used in a Choice router to route events? To find the FIRST true condition, then route the same event to the matched route and ALL FOLLOWING routes To route the same event to the matched route of EVERY true condition To find the FIRST true condition, then distribute the event to the ONE matched route To filter and aggregate the responses after copying the event to EVERY route

Refer to the exhibit. This RAML specification includes an XML example that matches the Records data type defined in another RAML file named recordsDataType.raml. Using the Records type, how can this XML example be represented in RAML?

```
title: Records API
 /records:
   get:
      responses:
        200:
          body:
            application/xml:
              example:
                 <music>
                   <collection>Deep Collection</collection>
                   <artists>
                     <artist1>Deep Purple</artist1>
                     <artist2>Rainbow</artist2>
                   </artists>
                 </music>
Option 1
#%RAML 1.0
title: Records API
types:
  Records: !include recordsDataType.raml
/records:
  get:
    responses:
      200:
        body:
          application/xml:
            type: Records
            example:
             music:
               collection: "Deep Collection "
               artists:
                 - artist1: "Deep Purple"
                 - artist2: "Rainbow"
```

```
0
Option 2
 #%RAML 1.0
 title: Records API
 types:
   Records: !include recordsDataType.raml
 /records:
   get:
     responses:
       200:
         body:
           application/xml:
             type: Records
             example:
               music:
                 collection: "Deep Collection "
                 artists:
                   "Deep Purple"
                   "Rainbow"
0
Option 3
#%RAML 1.0
title: Records API
  Records: !include recordsDataType.raml
/records:
  get:
     responses:
       200:
         body:
           application/xml:
             type: Records
             example:
               music:
                 collection: "Deep Collection "
                 artists: "Deep Purple", "Rainbow"
Option 4
```

```
#%RAML 1.0
 title: Records API
 types:
  Records: !include recordsDataType.raml
 /records:
  get:
    responses:
      200:
        body:
          application/xml:
           type: Records
           example:
             music:
               collection: "Deep Collection "
               artists:
                 artist1: "Deep Purple"
                 artist2: "Rainbow"
What application is used for implementing APIs and building
integration applications?
Anypoint Studio
0
API designer
\bigcirc
Flow Designer
What application is used for designing, documenting, and
mocking APIs?
Flow Designer
API designer
Anypoint Studio
What is the language Mule uses to access, query, and transform
event data?
DataWeave 2.0
DUH
```

What does the Mule runtime use to enforce policies and limit access to APIs?
Anypoint Access Control
The proxy created by API Manager
C API Manager
The Mule runtime's embedded API Gateway API Manager has been configured to enforce an SLA policy and the RAML spec has been updated with the required client_id and client_secret header requirements. The new RAML spec has been published to Anypoint Exchange. What is the next step to gain access to the API?
POST a JSON object to the /api/register endpoint of the API proxy
© Request access to the API in Anypoint Exchange
© Email the organization administrators to request access to the API
Add a client application to the Anypoint Platform organization What happens to the attributes of a Mule event in a flow after an outbound HTTP Request is made?
New attributes may be added from the HTTP response headers, but no headers are ever removed
O New attributes may be added from the HTTP response, but previous attributes are passed through unchanged
C Attributes do not change

O

Attributes are replaced with new attributes from the HTTP Request response (which might be null)

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

O

An Object containing all three Mule event Objects

O

An array of three JSON payload Objects

O

An array of the three Mule event Objects

0

An Object containing all three JSON payload Objects

O

The last JSON payload Object

0

The last Mule event object

An event contains a payload that is an array of Objects. How is the event routed in a Scatter-Gather?

Ó

The ENTIRE event is sent to each route and processed SEQUENTIALLY

Ö

The event is SPLIT and different SMALLER events are routed and processed in PARALLEL

C

The event is SPLIT and different SMALLER events are routed and processed SEQUENTIALLY

0

The ENTIRE event is sent to each route and processed in PARALLEL A Set Variable component saves the current payload to a variable with the name images. What is the DataWeave expression to access the images variable?

0

```
#[payload.images]
#[images]
#[flowVars.images]
#[vars.images] (vars is a DataWeave predefined variable)
What module and operation will throw an error if a Mule event's
payload is not a number?
Validation module's Is number operation
Validation module's Is not number operation
Filter module's Is number operation
Filter module's Is not number operation
A web service implements an API to handle requests to
https://acme.com/customers/{state}. A web client makes a
request to this API implementation at
https://acme.com/customers/CA. What is the correct
DataWeave expression to retrieve the value CA?
#[message.payload.inboundProperties.'http.query.params'.state]
#[message.inboundProperties.'http.uri.params'.state]
#[attributes.uriParams.state]
#[attributes.'http.uri.params'.state]
#[state]
```

Refer to the exhibits. What happens to this flow when the Validation module's Is not null operation throws an error?



The flow silently stops processing its Mule event

The flow stops processing its Mule event and returns an error message to the HTTP Listener operation

The flow logs the error message in the console and continues processing its Mule event

The flow continues processing its Mule event and appends the error message to the end of the payload

A flow contains an HTTP Listener as the event source. What is the DataWeave expression to log the Content-Type header using a Logger component?

```
#["Content-Type: " ++ attributes.headers.'content-type']
#["Content-Type: " + headers.'content-type']
#["Content-Type: " + attributes.headers.'content-type']
#["Content-Type: " ++ headers.'content-type']
```

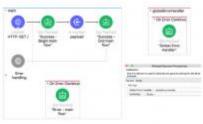
Refer to the exhibit. What is the correct DataWeave expression for accessing the city Cleveland from the JSON payload?

```
{
    "orderID": 592,
    "shipping": "international",
    "city": "Tokyo",
    "account": 4829284911,
    "price": 24.99
  },
    "orderID": 972,
    "shipping": "domestic",
    "city": "Cleveland",
    "account": 829118144,
    "price": 49.99
  },
    "orderID": 396,
    "shipping": "international",
    "city": "Berlin",
    "account": 114800833,
    "price": 24.99
1
#[payload[2].city]
#[payload[1].city]
#[payload.city[1]]
#[payload.city[2]]
What is NOT part of a Mule 4 event?
Message
OutboundProperties
0
Attributes
Variables
```

0

Payload

Refer to the exhibits. The main flow has an On Error Continue scope. In the Configuration global element, default error handler is set to globalErrorHandler. A web client makes an HTTP GET request to the flow's HTTP Listener. The Is number validator then throws an error with message "Validate - Payload is an Integer". What response message is returned to the web client?





0

Error - main flow

0

Success - Begin main flow

 \bigcirc

Success - End main flow

O

Validate - Payload is an Integer

C

Global Error Handler

A Mule application has two flows named parentFlow and childFlow. The childFlow begins with an HTTP Listener. A variable is defined in parentFlow, then an HTTP Request is made to childFlow's HTTP Listener with some headers set. What is the scope of the variable and attributes in the parentFlow after childFlow returns a response?

O

The variable is accessible. All the attributes passed to childFlow are removed or replaced

The variable is NOT accessible. All the attributes passed to childFlow are removed or replaced

The variable is NOT accessible. All the attributes passed to childFlow are preserved

The variable is accessible. All the attributes passed to childFlow are preserved Refer to the exhibits. The main flow has an On Error Propagate scope. In the Configuration global element, default error handler is set to globalErrorHandler. A web client makes an HTTP GET request to the flow's HTTP Listener. The Is number validator then throws an error with message "Validate - Payload is an Integer". What response message is returned to the web client?



Error - main flow

 \bigcirc

Success - Begin main flow

Success - End main flow

Validate - Payload is an Integer

Global Error Handler

A Mule application has a flow named parentFlow. The parentFlow contains an HTTP Request operation at the end of the flow. The parentFlow also contains a Set Variable operation right before the HTTP Request operation. What is the scope of

the variable to the server receiving the HTTP Request from parentFlow?

O

The variable is accessible in the server but is immutable

C

The variable is accessible in the server, can be changed, and changes are see back in parentFlow

0

The variable is NOT accessible in the server

c

The variable is accessible in the server, can be changed but changes are not seen back in parentFlow

A Mule application has two flows named parentFlow and childFlow. A variable is defined in parentFlow. What is the scope of the variable when the parentFlow calls childFlow using a Flow Reference?

C

The flow variable is accessible in childFlow but is immutable

0

The flow variable is accessible in childFlow, can be changed, and changes are seen back in parentFlow

c

The flow variable is NOT accessible in childFlow

0

The flow variable is accessible in childFlow, can be changed, but changes are NOT seen back in parentFlow

Refer to the exhibits. The private flow has an On Error Propagate scope. In the Configuration global element, default error handler is set to globalErrorHandler. A web client makes an HTTP GET request to the flow's HTTP Listener. The Is number validator in the private flow then throws an error with message "Validate - Payload is an Integer". What response message is returned to the web client?



O

GlobalErrorHandler

Ö

Success - mainFlow

0

Error - privateFlow

Ċ

Validate - Payload is a Number

Refer to the exhibits. The main flow has an On Error Continue scope and the private flow has an On Error Propagate scope. A web client makes an HTTP GET request to the HTTP Listener. The Is number validator in the private flow then throws an error with message "Validate - Payload is an Integer". What response message is returned to the web client?



```
chitp://literar-purfig name-"NTTP.Listoner.comfig" document="NTTP Listoner.comfig" a
dita://disconer.comercian beata "R.d.d" ports-"REC" /s
chita://disconer.comercian beata "R.d.d" ports-"REC" /s
chita://disconer.comercian beata "R.d.d" ports-"REC" /s
chita://disconer.deci.go
chita://disconer.deci.go
chita://disconer.deci.go
chita://disconer.go
```

0

Error - main flow

 \bigcirc

Success - main flow

0

Error - private flow

```
Success - private flow

Validate - Payload is Integer
Answer : D
How can an error scope be configured to catch all errors in the HTTP namespace?

Type: HTTP
When:

Type: HTTP*
When:

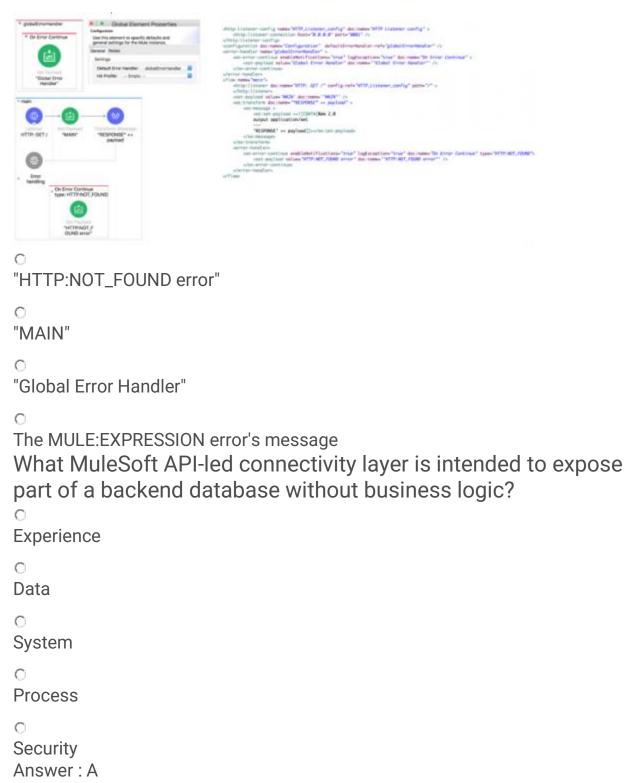
Type: HTTP*
When:

Type: When: #[ error.errorType.namespace == "HTTP" ]

Type:
```

When: #[contains "HTTP"]

Refer to the exhibits. The main flow has an On Error Continue scope with type set to HTTP:NOT_FOUND. The Mule application configures globalErrorHandler as its default error handler. A web client posts a request to the HTTP Listener. The Transform Message component then throws a MULE:EXPRESSION error trying to convert the payload to application/xml. What response message is returned to the web client?



Refer to the exhibit. An event payload contains an unordered array of flight objects, where every object has a price key and a toAirport key. What is valid DataWeave code to return flights

with price under 500, grouped by to Airport in ascending order, with the lowest price first?

```
*CLE*: [
                                                                                                           {
  "planeType": "Boeing 737",
  "code2": "1000",
  "toAirport": "CLE",
  "takeOffDate": "2015-01-20",
  "fromAirport": "MUA",
"planeType": "Boeing 787",
"code2": "8001",
"toAirport": "LAX",
"takeOffDate": "2015-01-20",
"fromAirport": "MLA",
"price": 541,
"oirlineName": "American Airlines",
                                                                                                               "airlineName": "American Airlines",
"seatsAvailable": "5",
"seatsAvailable": "none",
                                                                                                               "codel": "rree"
"codel": "rree"
                                                                                                               "planeType": "Boeing 747", 
"code2": "0123",
"planeType": "Boeing 747",
                                                                                                               "toAirport": "CLE",
"tokeOffDate": "2015-01-25",
"code2": "@123",
"toAirport": "CLE",
                                                                                                               "fromAirport": "MUA",
"takeOffDate": "2015-01-25",
                                                                                                              "price": 300,
"airlineName": "American Airlines",
"fromAirport": "MUA",
"price": 300,
                                                                                                               "seatsAvailable": "7",
"airlineName": "American Airlines",
                                                                                                               "codel": "rree"
                                                                                                        ].
"SFO": [
                                                                                                               "planeType": "Boeing 737", 
"code2": "1093",
                                                                                                               "toAirport": "SFO",
```

Payload groupBy \$.toAirport filter \$.price < 500 orderBy \$.price

Payload groupBy \$.toAirport filter \$.price > 500 orderBy \$.price

Payload filter \$.price < 500 orderBy \$.price groupBy \$.toAirport

Payload filter \$.price > 500 orderBy \$.price groupBy \$.toAirport Refer to the exhibit. What is valid DataWeave code to transform the input JSON payload to the output XML payload?

```
0
Option 1
%dw 2.0
output application/xml
employees:
  employee
    a(
      firstName: payload[0].employee1.firstName[0],
      lastName: payload[0].employee1.lastName[0]
      ) : null
Option 2
%dw 2.0
output application/xml
employees:
  employee
      firstName: payload[0].employee1.firstName[0],
       lastName: payload[0].employee1.lastName[0]
     ) : ""
\bigcirc
Option 3
%dw 2.0
output application/xml
employees:
  employee
    @(
      firstName: payload[0].employee1.firstName[0];
       lastName: payload[0].employee1.lastName[0]
    ) : null
Option 4
```

```
%dw 2.0
output application/xml
---
employees :
   employee
   (
      firstName: payload[0].employee1.firstName[0];
      lastName: payload[0].employee1.lastName[0]
   ) : ""
```

Refer to the exhibit. In the deployable archive's /classes folder, there are two properties files named dev.properties and prod.properties. The Mule application fails to deploy to CloudHub through Runtime Manager with the following error message. What could be causing this error?

```
A 17:04:02.534 11/30/2017 Worker-0 qtp987274037-33 ERROR

null

java.io.FileNotFoundException; class path resource [${env}.properties] cannot be opened because it does not exist

at org.springframework.core.io.ClassPathResource.getInputStream(ClassPathResource.java:172)

at org.springframework.core.io.support.EncodedResource.getInputStream(EncodedResource.java:151)

at org.springframework.core.io.support.PropertiesLoaderUtils.fillProperties(PropertiesLoaderUtils.java:98)

at org.springframework.core.io.support.PropertiesLoaderSupport.loadProperties(PropertiesLoaderSupport.java:1

at org.springframework.core.io.support.PropertiesLoaderSupport.mergeProperties(PropertiesLoaderSupport.java:1

at org.springframework.core.io.support.PropertiesLoaderSupport.mergeProperties(PropertiesLoaderSupport.java:1

at org.springframework.core.io.support.PropertiesLoaderSupport.mergeProperties(PropertiesLoaderSupport.java:1
```

The property files were NOT saved at the root level of the deployable archive

The env property is NOT set in the Runtime Manager in the Mule application's Properties tab

A file named \${env}.properties is NOT included in the deployable archive file

The dev.properties and prod.properties files were NOT uploaded to Runtime Manager

A Mule application has a main flow and a combineNames flow. In the main flow, a variable named fullName is set to the object {firstName: "Max", lastName: "Mule"}. What is valid DataWeave code to call the combineNames flow with the input object stored in the fullName variable?

```
#[ dw::Flow::lookup( "combineNames", vars.fullName ) ]
```

```
#[dw::Runtime::lookup("combineNames", vars.fullName)]
#[lookup("combineNames", vars.fullName)]
#[combineNames(vars.fullName)]
#[lookup(combineNames(vars.fullName))]
What DataWeave 2.0 type can be used as input to a map
operation?
Array
Object
0
Map
0
String
0
Key
Answer: A
What is the correct way to format the decimal 20.3844 as a
string to two decimal places?
20.3844 as String {format: ".0#"}
20.3844 as :string {format: ".0#"}
20.3844 as String as format: ".0#"
20.3844 as :string as format: ".0#"
20.3844 as String (format = ".0#")
```

20.3844 as :string (format = ".0#")

What reserved property can be defined and used in a Mule application to allow an HTTPS Listener to be accessed by external web clients after the Mule application is deployed to CloudHub?

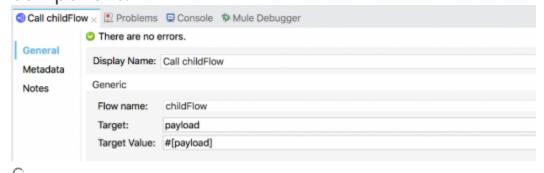
\${ssl.port}

\${ssl.listener.port}

\${https.listener.port}

\${https.port}

A Flow Reference component sends a non-empty JSON object payload to another flow named childFlow, which then returns an XML body. A Flow Reference component saves the payload returned from childFlow to its target attribute named payload. Refer to the exhibit. What is true about the Mule event's payload at the next event processor after the Flow Reference component?



The payload is the XML response body

The payload is a non-empty Java object

The payload is the original JSON object

C

The payload is null

Why must a Mule application's deployable archive package all its dependencies in order to be deployed to CloudHub?

Ċ

The online logging service requires access to ALL project dependencies to log the appropriate Java classes used in the Mile application

Ċ

CloudHub workers CANNOT download ALL possible project dependencies a project may contain

0

CloudHub workers need to compare the current dependencies with the LATEST project dependencies from the Mulesoft repository

0

Mules oft support requires access to ALL project dependencies for future online troubleshooting

Refer to the exhibit. What is the object type returned by the File List operation?



 \circ

Array of Mule event objects

0

Object of Mule event objects

0

Array of String file names

Object of String file names

What HTTP method in a RESTful web service is typically used to replace a resource completely?
PATCH
O PUT
© POST
GET What statement is part of Mulesoft's description of an application network?
Create reusable APIs and assets designed to be consumed by other business units
Creates and manages availability and fault tolerant services and infrastructure
C Leverages Central IT to deliver complete point-to-point solutions with master data management
Creates and manages a collection of JMS messaging services and infrastructure
According to MuleSoft, what is the Center for Enablement's role in the new IT operating model?
Creates and manages assets to be consumed by of business developers
Centrally manages partners and consultants to implement line of business projects
Implements line of business projects to enforce common security requirements
C

Produces & manages API policies for line of business deployments Answer:A What is a core characteristic of the Modern API? API is designed first using an API specification for rapid feedback API is rapidly prototyped following AGILE methodology API follows the RESTful architecture API has a mechanism to accept feedback and suggestions for improvement Answer: A In the Database On Table Row operation, what does the Watermark column enable the On Table Row operation to do? To save the most recent records retrieved from a database to enable database caching To avoid duplicate processing of records in a database To enable multithreaded event processing for each record retrieved from a database To save the payload into the ObjectStore for future reference Refer to the exhibit. ENDPOINT: https://www.searchworld.org/s/api.php QUE RY PARAMETERS: action - Action type - required options: compare, delete, save, search query - Search string required profile - Search profile to use options: strict, normal, classic format - The format of the output options: xml, xmlfm, json, jsonfm namespace - Namespace to search options: 1,2,3,4 HEADERS: AUTH - Authentication token - required The API specification supports searching for articles on the searchworld.org site. What is the most idiomatic (used for its

"einstein" in XML format? **GET Method** api.php?action=search&query=einstein&format=xml AUTH GET Methodapi.php?&query=einstein&format=xmlAUTH **GET Method** api.php?action=search&guery=einstein&format=xml NO AUTH POST Methodapi.php?action=search&guery=einstein&format=xmlAUTH Assume that a database table contains a recordID column that always increases as new records get added to the table. In a Mule application, what is the key process to enable manual watermarking for requests to a database using the Scheduler endpoint and the Database SELECT operation? Save the max recordID from the set of recordIDs in an Object Store and reference this recordID in subsequent database requests Enable automatic watermarking in the Database Select operation 0 Set the Watermark column in the Scheduler endpoint to the recordID 0 Save the max recordID from the set of recordIDs in a variable and reference this variable in subsequent database requests What is the main purpose of flow designer in Design Center? Design API RAML files in a graphical way

0

intended purpose) URL and method to retrieve articles about

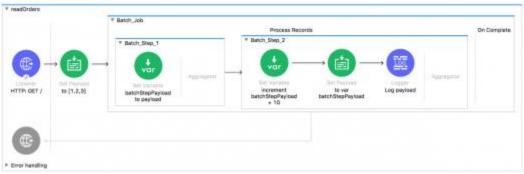
To design and Develop fully functional Mule applications in a hosted development environment Define API lifecycle management in a graphical way Design and mock Mule application templates that must be implemented using **Anypoint Studio** Ans:b A flow has a JMS Publish consume operation followed by a JMS Publish operation. Both of these operations have the default configurations. Which operation is asynchronous (does not wait for a response before continuing to the next event processor) and which operation is synchronous (blocks and waits for a response or timeout before continuing to the next event processor)? Publish consume: Asynchronous. Publish: Synchronous Publish consume: Asynchronous. Publish: Asynchronous Publish consume: Synchronous. Publish: Asynchronous Publish consume: Synchronous. Publish: Synchronous Where does a deployed flow designer application run in **Anypoint Platform?** Exchange 0 Clouhhub Worker **API** Manager

Design Center

Refer to the exhibits. The Set Payload component sets the payload to a Map object (not an Array). The File Write operation writes out files based on this Map object. How many files are written to the file system when the flow executes?



Refer to the exhibit. The payload [1,2,3] is passed to the Batch Job scope. In Batch_Step_1, a variable named batchStepPayload is set to the current payload. What is the value of the last log message after one batch job completes?



[11, 12. 13]

33

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