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Question 1: **Correct**

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

* ​
  1. /customers:
  2. get:
  3. /{customerId}:
* ​
  1. /customers:
  2. /customerId:
  3. get:
* ​
  1. /customers:
  2. /{customerId}:
  3. get:

**(Correct)**

* ​
  1. /customers:
  2. /get:
  3. /customerId

**Explanation**

Correct answer is below as it follows the correct syntax.

/customers:

/{customerId}:

get:

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Question 2: **Incorrect**

Refer to the exhibits. A web client submits a request to below flow. What is the output at the end of the flow?

[Larger image](javascript:void(0))

[Larger image](javascript:void(0))

[Larger image](javascript:void(0))

* ​

Object

* ​

Java

* ​

String

**(Correct)**

* ​

XML

**(Incorrect)**

**Explanation**

String is the correct answer as XML is of an Object type String

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Question 3: **Correct**

Which of the below activity doesn't support parallel execution?

* ​

Batch job

* ​

Scatter-Gather Router

* ​

Parallel For Each

* ​

First Successful Router

**(Correct)**

**Explanation**

The First Successful router iterates through a list of configured processing routes until one of the routes executes successfully. This is sequential execution. In all other options mentioned in the question ,we can achieve parallel execution.

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Question 4: **Correct**

Refer to the exhibits. The Batch Job processes, filters, and aggregates records. What is the expected outcome from the Logger component?

[Larger image](javascript:void(0))

* ​

[20,40,60]

* ​
  1. [10,20]
  2. [30,40]
  3. [50,60]
* ​
  1. [20,40]
  2. [60]

**(Correct)**

* ​

[10,20,30,40,50,60]

**Explanation**

Batch scope has filter criteria which says payload mod 2 = 0 which means only 2 4 and 6 will be in batch scope. So payload for each of these will be incremented by 10. Aggregator has batch size defined as 2. So it will process in batch of two records.

Hence correct answer is

[20,40]

[60]

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Question 5: **Correct**

Refer to the exhibit. What should be changed to fix the 415 error?

[Larger image](javascript:void(0))

* ​

set the response Content-Type header to text/plain

* ​

Set the request Content-Type header to application/json

**(Correct)**

* ​

set the response Content-Type header to application/json

* ​

set the request Content-Type header to text/plain

**Explanation**

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. In this case as per RAML specification data is expected in application/json and in request Content-Type is set as "text/plain" which is incorrect.

Hence correct answer is **set the request Content-Type header to application/json**

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Question 6: **Correct**

Refer to the exhibits. 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 main flow after a web client submits the request to http://localhost:8080/order?color=red?

[Larger image](javascript:void(0))

* ​
  1. payload
  2. quantity var

**(Correct)**

* ​
  1. payload
  2. color query param
* ​
  1. payload
  2. quantity var
  3. color query param
* ​

payload

**Explanation**

In this case as outbound call is made using HTTP: POST /child , all attributes will be replaced by this invocation. Hence query parameter will not be accessible at logger.

Hence correct answer is

payload

quantity var

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Question 7: **Correct**

**A Database On Table Row listener retrieves data from a CUSTOMER table that contains a primary key userid column and an increasing systemin\_date\_time column. Neither column allows duplicate values. How should the listener be configured so it retrieves each row at most one time?**

* ​

Set the watermark column to the systemin\_date\_time column

**(Correct)**

* ​

Set the target value to the last retrieved user\_jd value

* ​

Set the watermark column to the user\_Id column

* ​

Set the target value to the last retrieved login\_date\_time value

**Explanation**

You can set systemin\_date\_time column as watermark column in DB listener configuration as this field is increasing field.

MuleSoft Ref Doc : <https://docs.mulesoft.com/db-connector/1.8/database-documentation#listener>

If a watermark column is provided, the values taken from that column are used to filter the contents of the next poll, so that only rows with a greater watermark value are returned.

If an ID column is provided, this component automatically verifies that the same row is not picked twice by concurrent polls.

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Question 8: **Correct**

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?

[Larger image](javascript:void(0))

* ​
  1. payload
  2. color query param
* ​
  1. payload
  2. quantity var
* ​

payload

* ​
  1. payload
  2. quantity var
  3. color query param

**(Correct)**

**Explanation**

Correct answer is

payload

quantity var

color query param

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Question 9: **Correct**

**What should this endpoint return? http://dev.acme.com/api/patients?name=John&surname=Bell**

* ​

Patients with either name as John or surname as Bell

* ​

Patients with name as John and surname as Bell

**(Correct)**

* ​

Patient with name as John

* ​

Patient with surname as bell

**Explanation**

As query parameters are joined with and operator. Hence patients with name as John and surname as Bell would be returned

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Question 10: **Correct**

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

* ​

Centre for **Excellence**

* ​

Centre for **Engagement**

* ​

Centre for **Enablement**

**(Correct)**

* ​

Centre for **Empowerment**

**Explanation**

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

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Question 11: **Correct**

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

* ​

Account Type: # [attributes.accountType]

* ​

Account Type: #[flowVars.accountType]

* ​

Account Type: #[vars.accountType]

**(Correct)**

* ​

Account Type: #[message.inboundProperties.accountType]

**Explanation**

vars: Keyword for accessing a variable. For example, through a DataWeave expression in a Mule component, such as the Logger, or from an Input or Output parameter of an operation. If the name of your variable is myVar, you can access it like this: vars.myVar

Hence correct answer is **Account Type: #[vars.accountType]**

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Question 12: **Correct**

Refer to the exhibits. What is valid expression for the Choice router's When expression to route the events to the domesticShipping flow?

[Larger image](javascript:void(0))

* ​

#[ if(payload = 'US')]

* ​

#[ if(payload == 'US')]

* ​

#[payload = 'US']

* ​

#[payload == 'US']

**(Correct)**

**Explanation**

Correct answer is #[payload == 'US']

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Question 13: **Correct**

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

* ​

RAML file to define SOAP services

* ​

plain text file documenting API's

* ​

WSDL file

**(Correct)**

* ​

JSON file

**Explanation**

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

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Question 14: **Incorrect**

Which of the below functionality is provided by  zip operator in DataWeave?

* ​

Used for sending attachments

**(Incorrect)**

* ​

Minimize the size of long text using encoding.

* ​

All of the above

* ​

Merges elements of two lists (arrays) into a single list

**(Correct)**

**Explanation**

Correct answer is **Merges elements of two lists (arrays) into a single list**

MuleSoft Doc Reference : https://docs.mulesoft.com/mule-runtime/4.3/dw-core-functions-zip

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Question 15: **Correct**

**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?**

* ​

/customers/1234

**(Correct)**

* ​

/customers?operation=get&custid=1234

* ​

/customers/custid=1234

* ​

/customers?custid=1234

**Explanation**

URI parameter (Path Param) is basically used to identify a specific resource or resources . For eg : the URL to get employee details on the basis of employeeID will be GET /employees/{employeeID} where employees is resource and {employeeID} is URI parameter.

Hence correct answer is /customers/1234

Thing to note here is use of query parameter is not correct approach. Query parameters are used to filter the collection resources type which is not requirement.

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Question 16: **Correct**

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?

* ​

Center for Enablement

**(Correct)**

* ​

MuleSoft Support Center

* ​

Central API Review Board

* ​

Center of Excellence

**Explanation**

[Center for Enablement](https://www.mulesoft.com/lp/whitepaper/soa/it-from-provider-partner), or a C4E is a cross-functional team — typically staffed with members from central IT, line-of-business departments, and digital innovation teams — charged with productizing, publishing, and harvesting reusable assets and best practices. They promote consumption and collaboration and help drive self-reliance while improving results through feedback and metrics.

hence in this case with the help of C4E , app team could have that discovered well in advance saving their time on rework.

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Question 17: **Incorrect**

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

[Larger image](javascript:void(0))

* ​

order1order2order3order4

* ​

[1,2,3,4]

**(Correct)**

* ​

[order1, order2, order3, order4]

* ​

order4

**(Incorrect)**

**Explanation**

This is a trick question. For Each does not modify the current payload. The output payload is the same as the input. Hence output of logger is the same payload which is set before invoking For Each scope.

Hence correct answer is [1,2,3,4]

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Question 18: **Incorrect**

Refer to the exhibits. 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?

[Larger image](javascript:void(0))

* ​

Error - main flow

**(Correct)**

* ​

Validation Error

**(Incorrect)**

* ​

Success - main flow

* ​

Error - Try scope

**Explanation**

Error in validation component will get processed by Processer 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**

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Question 19: **Correct**

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

[Larger image](javascript:void(0))

* ​
  1. {
  2. "0": "Banana",
  3. "1": "Apple"
  4. }
* ​

[ 'Banana', 'Apple']

* ​
  1. "attributes": ---,
  2. "payload": [ 'Banana', 'Apple']
  3. }
* ​
  1. {
  2. "0": {
  3. "attributes": ---,
  4. "payload": "Banana"
  5. }
  6. "1": {
  7. "attributes": ---,
  8. "payload": "Apple"
  9. }
  10. }

**(Correct)**

**Explanation**

Scatter-Gather sends the event to each routes concurrently and returns a collection of all results. Collection is an Object of Objects. Each object contains attributes and payload from each Mule event returned from a flow.

Hence correct answer is

{

"0": {

"attributes": ---,

"payload": "Banana"

}

"1": {

"attributes": ---,

"payload": "Apple"

}

}

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Question 20: **Correct**

Which of the below is not the mandatory configurations for HTTP Listener?

* ​

Path

* ​

Allowed methods

**(Correct)**

* ​

HTTP port in Connector Configuration

* ​

HTTP host in Connector Configuration

**Explanation**

Allowed methods is an optional configuration. If nothing is specified then all HTTP methods are supported.

Rest all are mandatory.

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Question 21: **Correct**

**What path setting is required for an HTTP Listener endpoint to route all requests to an APIKit router**

* ​

/{\*}

* ​

/

* ​

/{}

* ​

/\*

**(Correct)**

**Explanation**

Correct syntax to configure HTTP Listener endpoint is /\*

Please find screenshot below for sample configuration.

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Question 22: **Correct**

Refer to the exhibits. The Mule Application is being debugged in Anypoint Studio and stops at breakpoint.  What is the value of payload displayed in debugger at this breakpoint?

[Larger image](javascript:void(0))

* ​

Begin

**(Correct)**

* ​

Processing

* ​

Finished

* ​

0

**Explanation**

Correct answer is **Begin**. As debugger will stop at breakpoint before executing 'Set Payload "Processing"'. At this point value in payload is Begin.

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Question 23: **Correct**

Refer to exhibits. In the execution of the Scatter-Gather , the flow route completes after 10 seconds and the flow2 route completes in 40 seconds.  How many seconds does it take for the Scatter-Gather to complete?

[Larger image](javascript:void(0))

* ​

50

* ​

10

* ​

40

**(Correct)**

* ​

20

**Explanation**

Scatter-Gather sends the event to each routes concurrently. Hence both route in this example will start in parallel. So total time to complete processing is 40 seconds.

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Question 24: **Correct**

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?

[Larger image](javascript:void(0))

* ​

Add the dependency to the MULE\_HOME/bin folder

* ​

Install the dependency to the computer's local Maven repository

**(Correct)**

* ​

Edit the dependency in the Mule project's pom.xml file

* ​

Deploy the dependency to MuleSoft's Maven repository

**Explanation**

As dependency is not present in Mulesoft Maven repository, we need to install the dependency on computer's local Maven repository.

Correct answer is **Install the dependency to the computer's local Maven repository**

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Question 25: **Correct**

Refer to the exhibits. All three of the conditions for the Choice router are true. What log messages are written?

[Larger image](javascript:void(0))

* ​

Route1

**(Correct)**

* ​

Route1,Route2

* ​

Route2

* ​

Route1,Route2,Default

**Explanation**

Only one of the routes in the Choice router executes, meaning that the first expression that evaluates to true triggers that route1 execution and the others are not checked. If none of the expressions are true, then the default route executes. Hence only Route1 will be executed as it is the first expression.

Hence output of logger is **Route1**

MuleSoft Doc Ref : <https://docs.mulesoft.com/mule-runtime/4.3/choice-router-concept>

The Choice router dynamically routes messages through a flow according to a set of DataWeave expressions that evaluate message content. Each expression is associated with a different routing option. The effect is to add conditional processing to a flow, similar to an if/then/else code block in most programming languages.

Only one of the routes in the Choice router executes, meaning that the first expression that evaluates to true triggers that route’s execution and the others are not checked. If none of the expressions are true, then the default route executes.

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Question 26: **Correct**

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

[Larger image](javascript:void(0))

* ​

Array

**(Correct)**

* ​

Map

* ​

Object

* ​

String

**Explanation**

Database always return rows as an array.

**Array**is the correct answer

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Question 27: **Correct**

A mule project contains MySQL database dependency .

The project is exported from Anypoint Studio so that it can be deployed to Cloudhub.

What export options need to be selected to create the smallest deployable archive that will successfully deploy to Cloudhub?

* ​

No need to select any of the below options 1) Attach project sources 2) Include project module and dependencies

* ​

Select only below option 1) Attach project sources

* ​

Select only below option 2) Include project module and dependencies

**(Correct)**

* ​

Select both the options 1) Attach project sources 2) Include project module and dependencies

**Explanation**

You can choose **Attach Project Sources** to include metadata that Studio requires to reimport the deployable file as an open Mule project into your workspace. You must keep the **Attach Project Sources** option selected to be able to import the packaged JAR file back into a Studio workspace. But requirement here is to create smallest deployable archive that will successfully deploy to Cloudhub. Hence we can ignore this option.

We need to select Include project module and dependencies

As actual modules and external dependencies required to run the Mule application in a Mule runtime engine

Hence correct answer is

**Select only below option  2) Include project module and dependencies**

MuleSoft Doc Ref : <https://docs.mulesoft.com/studio/7.5/import-export-packages#exporting-a-studio-project-to-a-deployable-mule-application>

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Question 28: **Correct**

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. Port number , path and operation values are shown in display names. What is the minimum number of global elements that must be defined to support all these HTTP Listeners?

[Larger image](javascript:void(0))

* ​

4

* ​

1

* ​

2

* ​

3

**(Correct)**

**Explanation**

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

Hence correct answer is 3

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Question 29: **Correct**

**A Utlility.dwl is located in a Mule project at src/main/resources/modules. The Utility.dwl file defines a function named encryptString that encrypts a String What is the correct DataWeave to call the encryptString function in a Transform Message component?**

* ​
  1. %dw 2.0
  2. output application/json
  3. import modules::Utility
  4. ---
  5. Utility::encryptString( "John Smith" )

**(Correct)**

* ​
  1. %dw 2.0
  2. output application/json
  3. import modules::Utility
  4. ---
  5. encryptString( "John Smith" )
* ​
  1. %dw 2.0
  2. output application/json
  3. import modules.Utility
  4. ---
  5. Utility.encryptString( "John Smith" )
* ​
  1. %dw 2.0
  2. output application/json
  3. import modules.Utility
  4. ---
  5. encryptString( "John Smith" )

**Explanation**

Correct answer is

%dw 2.0

output application/json

import modules::Utility

---

Utility::encryptString( "John Smith" )

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Question 30: **Correct**

Refer to the exhibit . What is the correct syntax to add an employee ID as URI parameter in an HTTP Listener path ?

[Larger image](javascript:void(0))

* ​

${employeeID}

* ​

(employeeID)

* ​

{employeeID}

**(Correct)**

* ​

#[employeeID]

**Explanation**

While configuring HTTP listener path , URI parameters are always enclosed within curly braces.

Hence correct answer is {employeeID}

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Retake test

Continue