



Free Questions for 1Z0-1042-24

Shared by Dodson on 26-08-2024

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## Question 1

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Question Type: MultipleChoice

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Which OIC XPATH function can be used to retrieve data from OIC Lookup within the data mapper tool?

Options:

- A- Get-value-from-lookup
- B- getLookup
- C- get-content-as-string
- D- lookupvalue



Answer:

D

Explanation:

The lookupvalue function retrieves values from an OIC Lookup table, allowing you to map values between applications in the data mapper.

## Question 2

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Question Type: MultipleChoice

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You created a scheduled integration in Oracle Integration Cloud (OIC) that uses scheduled parameters named startDate and endDate to determine the date range for a data synchronization process. The default values for these parameters are set to the previous day for startDate and the current day for endDate. However, you now want to schedule a run of the instance with a different start date.

What should you do?

Options:

- A- Override the parameter value when scheduling the integration instance.
- B- Create a new version of the integration by modifying the parameter value, and then deploy the

new scheduled integration version.

- C- Modify the parameter value in the instance's integration properties and restart the instance.
- D- Modify the parameter value in the integration code and redeploy the integration.

Answer:

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A

Explanation:

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Override the parameter values when scheduling the instance. This approach is efficient and flexible, allowing you to adjust the schedule parameters without modifying the integration.

## Question 3

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Question Type: MultipleChoice

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You can recover unsaved changes in an Oracle Integration Cloud (OIC) integration that crashes during design time because of a browser crash, loss of network connectivity, or a server going down.

Which statement is NOT true about the unsaved changes feature in OIC?

Options:

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- A- Changes made while working inside Data Mapper cannot be recovered.
- B- A user with the ServiceAdministrator role can recover the unsaved changes.
- C- Changes made while editing a Connections page cannot be recovered.
- D- A backup copy is created after each completed task, therefore there is no time limit to logging back in and recovering your changes.
- E- A user with the ServiceAdministrator role can unlock an integration that has unsaved changes.

Answer:

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B

Explanation:

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Only the integration developer who was making the changes can recover the unsaved data. ServiceAdministrators cannot recover unsaved changes; they can only unlock the integration,

which discards unsaved changes.

## Question 4

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Question Type: MultipleChoice

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As an Oracle Integration Cloud (OIC) specialist, you are tasked with implementing a scheduled integration between two enterprise applications. The client requires that the integration be run every weekday at 3:00 PM to synchronize data between the systems.

Which advanced scheduling configuration expression will you use?

Options:

- A- "FREQ=DAILY;BYDAY=MO-FR;BYHOUR=15"
- B- "FREQ=WEEKLY;BYDAY=MO-FR;BYHOUR=15"
- C- "FREQ=DAILY;BYDAY!=SA,SU;BYHOUR=15"
- D- "FREQ=WEEKLY;BYDAY=MO,TU,WE,TH,FR;BYHOUR=15"

Answer:

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A

Explanation:

This expression specifies a daily frequency with a restriction to weekdays (Monday through Friday) at 3:00 PM, which matches the requirement.

## Question 5

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Question Type: MultipleChoice

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You are tasked with testing an integration that uses a REST trigger in Oracle Integration Cloud (OIC). You have successfully configured the REST Adapter, and now you want to verify that the integration functions correctly.

What should you do to test the integration?

### Options:

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- A- Export the integration as a .jar file and run it in a local development environment.
- B- Use the "Test" button in the integration designer to create a request, validate the response, and review the execution logs.
- C- Perform a SQL query on the associated database to ensure that the expected data is present.
- D- Manually trigger the integration by sending an email to a specified email address with the required REST parameters.

### Answer:

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B



### Explanation:

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Using the 'Test' button is the most effective way to test a REST trigger-based integration in OIC. This method allows for direct interaction with the integration, validation of requests/responses, and access to detailed logs for troubleshooting.

## Question 6

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Question Type: MultipleChoice

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Which APIs does Oracle Internet of Things (IoT) Cloud Service use to perform an analysis?

### Options:

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- A- Native Spark Java APIs
- B- SQL Queries
- C- JavaScript APIs
- D- Big Data APIs



### Answer:

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A

### Explanation:

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Oracle IoT Cloud Service uses native Spark Java APIs to perform analytics. This allows efficient processing of large datasets generated by IoT devices.

## Question 7

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Question Type: MultipleChoice

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Integration Insight in Oracle Integration Cloud (OIC) dramatically simplifies the process of modeling and extracting meaningful business metrics, allowing business executives to understand, monitor, and react quickly to changing demands.

After a model has been activated, which is NOT a valid model instance state?

Options:

- A- Failed
- B- Successful
- C- Healthy
- D- Recoverable
- E- Terminated

Answer:

E

Explanation:

'Terminated' is not a valid state for Integration Insight model instances. Valid states include Failed, Successful, Healthy, and Recoverable.

## Question 8

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Question Type: MultipleChoice

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Your design of an asynchronous OIC integration flow includes the requirement for additional processing logic that is conditionally based on the results returned to the integration instance from earlier external service invocations. You decide to leverage the Switch action to facilitate this implementation.

Which is a valid consideration concerning the configuration and capabilities of the Switch action?

### Options:

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- A- Any data objects returned within a branch of a Switch action will only be visible within the implicit scope of that branch and not visible in the main flow of the integration outside of the Switch action.
- B- You may need to create conditional expressions for each branch with greater complexity because nested Switch actions are not supported.
- C- All branches within the Switch action must have a conditional expression defined.
- D- XPath version 2.0 functions can be used to create more complex conditional expressions for a branch.

### Answer:

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D



### Explanation:

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XPath version 2.0 functions can be used within the Switch action to create complex conditional expressions for branch evaluation in OIC.

## Question 9

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Question Type: MultipleChoice

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Which statement is NOT true about Schedule Parameters in Oracle Integration Cloud (OIC) integration flows?

### Options:

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- A- Schedule Parameters are always visible as an additional data source in the Sources section of the mappers and expression editors within the integration.
- B- Updates to Schedule Parameter values made dynamically in an Assign action will not persist on to the next instance run of the integration.
- C- Updates to Schedule Parameter values can be made manually before submitting an ad hoc request.
- D- Updates to Schedule Parameter values can be made manually when starting a schedule.

### Answer:

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A

### Explanation:

Schedule parameters are not directly visible as data sources in the mapper or expression editors. They are used for dynamic configuration during execution.

## Question 10

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Question Type: MultipleChoice

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In Oracle Integration Cloud (OIC), you are working on an integration that uses a REST trigger, which will require authentication. You need to ensure that only authorized clients can access the integration.

Which configuration should you apply?

### Options:

- A- Configure the REST Adapter with a Basic Authentication or OAuth 2.0 security policy and provide the required credentials.
- B- Set up an IP whitelist in the OIC instance, allowing only specific IP addresses to access the integration.
- C- Encrypt the payload using a custom encryption algorithm and provide the decryption key to authorized clients.
- D- Enable Cross-Origin Resource Sharing (CORS) and set an API key in the REST Adapter configuration.

### Answer:

A

### Explanation:

Configuring Basic Authentication or OAuth 2.0 is the most appropriate and secure method to authenticate clients accessing your OIC integration via a REST trigger.

## Question 11

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Question Type: MultipleChoice

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You are tasked with monitoring the SOA composite application and the underlying environment within a SOA Cloud Service instance.

Which tool should you use?

Options:

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- A- Manage File Transfer Console
- B- WebLogic Server Console
- C- Fusion Middleware Control
- D- Oracle Service Bus Console
- E- B2B Console
- F- Load Balancer Console



Answer:

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C

Explanation:

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Fusion Middleware Control is the primary tool for monitoring SOA composite applications, providing detailed metrics, fault management, and health monitoring.

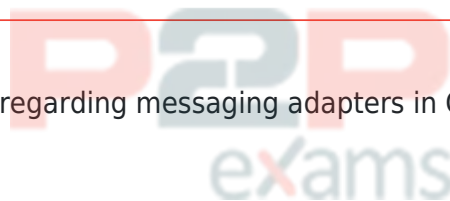
## Question 12

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Question Type: MultipleChoice

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Which two statements are true regarding messaging adapters in Oracle Integration Cloud?



Options:

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- A- Both the Apache Kafka and OCI Streaming adapter support XML, JSON, and Avro message formats.
- B- The OCI Streaming Adapter does not support consuming messages from a specified consumer group.
- C- The Apache Kafka adapter can be configured to support Transactions in case of Producer.
- D- It is not mandatory to install a Connectivity agent to use the OCI Streaming Adapter for inbound polling.

Answer:

A, C

Explanation:

Both Apache Kafka and OCI Streaming adapters support various message formats like XML, JSON, and Avro. The Apache Kafka adapter also supports transactional messaging for producers.



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