



Oracle

Exam Questions 1z0-1042-25

Oracle Cloud Infrastructure 2025 Application Integration Professional

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NEW QUESTION 1

You need to create an Oracle Integration (OIC) integration that processes many records individually that are contained within a single large file. You have been advised to use an implementation approach that uses the Download File operation of an FTP adapter in conjunction with the Stage File action Read File in Segments operation to mitigate issues with memory consumption. When using this approach, which is a valid consideration regarding the use of the Read File in Segments operation?

- A. You need to explicitly configure a Scope action for this operation if you want to add additional actions during the processing of each segment.
- B. Segment sizes can be configured from 1-200 records.
- C. You must provide the actual filename because file references cannot be processed by the Read File in Segments operation.
- D. The Read File in Segments operation allows you to process the segments sequentially or in parallel.

Answer: A

NEW QUESTION 2

You have a use case that requires a large data extract, which is more than 10MB, to be processed within an Oracle Integration Cloud (OIC) integration. Which are three valid options?

- A. Send the file as a multipart attachment to an OIC integration using a REST trigger, and make it available for processing using a Stage File action.
- B. Retrieve the file by invoking a SOAP API, which sends Base64 encoded data within the SOAP body, and then decode the data and make it available for processing using a Stage File action.
- C. Retrieve the file by invoking a SOAP API, which sends the document as an MTOM attachment, and make it available for processing using a Stage File action.
- D. Retrieve the file from an external endpoint using APIs that support application/blob as content type, and make it available for processing using a Stage File action.
- E. Upload the file to the OIC file server, and then use an FTP adapter Download File operation, which makes it available for processing using a Stage File action.

Answer: ACD

NEW QUESTION 3

You have created a new OIC project to be used by other team members working on a new group of related integrations. Which role is NOT available to you as the project owner to assign to other users for integrations within this project?

- A. Edit
- B. Invoke
- C. Monitor
- D. View

Answer: B

NEW QUESTION 4

Which are valid considerations when leveraging the Oracle Integration Cloud (OIC) connectivity agent for high availability on-premises environments? Select TWO.

- A. Each host on which the agent is installed must be configured on separate subnets and assigned to the same OIC agent group.
- B. You should install the connectivity agents on the same host as the target application, and then specify different agent group identifiers for each agent during its installation.
- C. You cannot have more than two agent instances per agent group.
- D. Attempting to include a third agent instance in the same group during installation results in an error.
- E. File adapter is not supported in high availability environment.
- F. When using file adapter and if some groups have multiple instances, use a dedicated agent group (with one agent only).
- G. You need to have the OIC ServiceDeployer role permissions to download and install the OIC on-premises connectivity agent.

Answer: CD

NEW QUESTION 5

You are implementing a synchronous Oracle Integration (OIC) integration flow that processes file records within a While loop action. At the end of each loop, you want to delay processing of the next record for a certain period. Which is a valid consideration when using the Wait action in this scenario?

- A. The Wait action can only be positioned as the last action within the loop.
- B. The Wait action cannot be used in a synchronous flow.
- C. The maximum wait time cannot exceed 300 seconds.
- D. The maximum wait time cannot exceed 20 seconds within a While loop.

Answer: C

NEW QUESTION 6

You will be creating and configuring a Connection resource using an Oracle Integration (OIC) File Adapter. Which set of operations are supported in the Invoke role when leveraging access via a Connectivity agent?

- A. Read, write, list, move
- B. Read, write, list
- C. Read, write, list, move, download, delete
- D. Read, write, list, move, download
- E. Read, write

Answer: C

NEW QUESTION 7

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?

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

Answer: D

NEW QUESTION 8

GlobalTech Corporation uses Oracle Integration Cloud (OIC) to synchronize data between their CRM and ERP systems. They currently have a scheduled integration that runs nightly at 3 AM. With the implementation of a new CRM system that supports real-time data synchronization, GlobalTech wants to update their ERP system immediately after any data changes in the CRM. To achieve this, they need to convert their scheduled integration to an app-driven integration, allowing the CRM system to trigger the integration upon data changes. When implementing this conversion, which of these considerations is NOT valid?

- A. You must choose an existing REST adapter trigger connection resource.
- B. You cannot convert a scheduled integration to a REST adapter-triggered integration with multiple verbs.
- C. Any existing scheduled parameters will be automatically converted to integration properties.
- D. You cannot convert a scheduled integration with assignments that have the fault data type.

Answer: C

NEW QUESTION 9

You are working on an integration within Oracle Integration Cloud (OIC) that includes several connections to external systems. As part of your development work, you need help to implement Global Fault handling to ensure that any unexpected errors are caught and handled correctly. Which approach should you use to add global fault handling within your integration?

- A. Use the Raise Fault action within your integration flow to generate custom faults and handle them accordingly.
- B. Create a separate integration solely for the purpose of handling faults and configure your main integration to call it when necessary.
- C. Open the Global Fault handler page on the integration canvas and add actions as needed to handle unexpected faults.
- D. Add a Try-Catch action to your integration flow and configure it to catch and handle any faults.

Answer: C

NEW QUESTION 10

You can recover unsaved changes in an Oracle Integration (OIC) integration that crashes during design time because of a browser crash or loss of network connectivity. Which statement is NOT valid with regard to this feature?

- A. Changes made while editing a Connections page cannot be recovered.
- B. A user with the ServiceAdministrator role can unlock an integration that has unsaved changes.
- C. A user with the ServiceAdministrator role can recover the unsaved changes.
- 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. Changes made while working inside the Map Editor cannot be recovered.

Answer: E

NEW QUESTION 10

Your design of an Asynchronous Oracle Integration Cloud (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?

- A. Nested Switch actions are not supported and, therefore, you may need to create more complex conditional expressions, if necessary.
- B. Data objects returned from actions within a branch of a switch action are not visible in the mainflow of the integration after the switch action.
- C. The switch action must include an otherwise branch.

Answer: A

NEW QUESTION 13

You can group one or more Oracle Integration Cloud (OIC) integrations into a single structure called a package. Which statement is not true about OIC packages?

- A. All packages must include at least one integration.
- B. You can import packages directly from the Oracle Marketplace.
- C. Packages cannot be locked to deny other users access to your integrations.
- D. New packages can be created by clicking the Create button on the packages page in the OIC console.
- E. Integrations do not need to be part of a package.
- F. Packages enable you to easily import and export a group of integrations to and from OIC.

Answer: C

NEW QUESTION 15

You need to create a scheduled orchestration integration that is based on an existing app-driven orchestration using the same display name. Which statement is valid for this use case?

- A. You can create the new integration as a different major version of the existing one.
- B. You can clone the existing integration and specify it to use the scheduled orchestration pattern.
- C. You cannot create another integration that uses the same name.
- D. You can create the new integration by using the same display name but with a different identifier.

Answer: B

NEW QUESTION 20

One of your downstream applications is becoming overwhelmed with too many individual synchronous invocations from your current Oracle Integration (OIC) integration. It is recommended that you redesign the integration to take advantage of the batch processing capabilities of that application. Which approach is a valid OIC design best practice that will provide the best solution for this issue?

- A. Create a custom batch call function, register the function as a Library in your OIC environment, then use the JavaScript call action to invoke the application.
- B. Reactivate the integration and use the disable tracing and message tracking option, which will optimize performance for each invocation to the application.
- C. Use the Append option in the Write File operation of the Stage File action within a loop to create a single batch file to be sent to the application.
- D. Throttle the individual synchronous calls by adding a wait activity prior to each invocation to the application within the loop, then fetch a batch response after the loop.

Answer: C

NEW QUESTION 21

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?

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

Answer: C

NEW QUESTION 24

Which statement is valid regarding Oracle Integration Cloud (OIC) Lookups?

- A. You cannot clone an existing lookup if it is being currently referenced in one or more active OIC integrations.
- B. Lookup values are retrieved from a back-end database at runtime.
- C. Lookup values must include two or more domains associated with the corresponding SaaS applications.
- D. A custom OIC XPath function is used to retrieve data from Lookups in the data mapper.

Answer: D

NEW QUESTION 29

GlobalTech Corporation uses Oracle Integration (OIC) to synchronize data between their CRM and ERP systems. They currently have a schedule pattern integration that runs nightly at 3 AM. With the implementation of a new CRM system that supports real-time data synchronization, GlobalTech wants to update their ERP system immediately after any data changes in the CRM. To achieve this, they wish to convert the schedule integration to an application pattern integration, allowing the CRM system to explicitly call the integration upon data changes. When implementing this conversion, which of these considerations is NOT valid?

- A. After conversion, existing scheduled parameters will be automatically converted to integration properties.
- B. You cannot convert a scheduled integration with assignments that have the fault data type.
- C. During conversion, you must choose an existing REST Adapter trigger connection resource.
- D. You cannot convert a scheduled integration to a REST Adapter-triggered integration with multiple verbs.

Answer: A

NEW QUESTION 34

In Oracle Integration (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 approach should you use?

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

Answer: A

NEW QUESTION 36

You are designing a new integration in Oracle Integration (OIC) that needs to expose a RESTful interface for client applications. Which is a valid consideration when choosing request and response options using the REST Adapter Endpoint Configuration Wizard?

- A. Both standard and custom HTTP headers can be defined for both the request and the response.
- B. File attachments can be accepted as a request option for the Trigger interface, but you cannot include attachments as a response to the client.
- C. Although you can define both query and template parameters, only template parameters are available for mapping in the mapper because query parameters are considered optional.
- D. If you select a PUT or POST action (HTTP method), you must define a JSON response payload format.

Answer: A

NEW QUESTION 40

Oracle Integration Cloud (OIC) integrations can be exported so that later they can be imported into another OIC instance environment. Which statement is NOT true about the import and export of OIC integrations?

- A. Imported integrations cannot be immediately activated if their dependent connection resources are not already present in the target OIC environment.
- B. Exported integrations include all their dependent connection resource information except URLs and credentials.
- C. Integrations must be exported as a package if you want to import them into another OIC environment.
- D. Imported integrations can be reconfigured to use different connection resources by using the OIC REST API.

Answer: C

NEW QUESTION 44

As an integration developer, you are creating an integration in Oracle Integration Cloud (OIC) to transform a payload with multiple orders. You need to configure a for-each action to loop through each order and process them individually. How do you correctly configure the for-each action to loop through each order and process them individually?

- A. Select the Parallel Processing option and set the number of threads to the number of orders.
- B. Select the Group By option and group the orders by the order number.
- C. Select the Repeating Element field and map the source element that contains the orders.
- D. Select the Sequential Processing option and set the batch size to the number of orders.

Answer: C

NEW QUESTION 49

A Logger action enables you to log messages at runtime for fault diagnostic purposes. Which is NOT a valid statement concerning Logger action capabilities?

- A. Debug-level messages require the integration's tracing level to be set to Debug.
- B. It always logs messages if the integration's tracing level is set to Audit.
- C. You can always specify to log, even when the integration's tracing level is set to Production.
- D. It logs messages only to the activity stream and diagnostic logs.

Answer: B

NEW QUESTION 54

CSV-formatted data has been extracted from Oracle ERP Cloud by invoking a web service using the SOAP Adapter, and the data extract has been returned as an MTOM attachment. You now need to send this CSV file to an external REST API that supports accepting this content as a Base64 encoded string. Which is a valid solution offering the best performance?

- A. Use the REST adapter configuration wizard to define the structure of the CSV when configuring the invoke connection, then map the MTOM attachment directly.
- B. Map the received MTOM attachment directly to the REST adapter invoke map action using the encodeReferenceToBase64 function.
- C. Create and register a JavaScript function to convert the contents, invoke it using the JavaScript call action, then map the result to the REST adapter invoke map action.
- D. Create an NXSD in Oracle JDeveloper to define the schema of the CSV and use it to map the transformed data to the REST adapter invoke map action.

Answer: B

NEW QUESTION 56

Which is NOT an available option while configuring an ERP Cloud Adapter to use in an Oracle Integration Cloud (OIC) integration?

- A. Invoke CRUD operation on ERP Cloud REST API
- B. Upload files to UCM
- C. Extract Bulk Data from ERP Cloud
- D. Enable Callback.

Answer: D

NEW QUESTION 60

Once they have been configured, which actions are allowed to be repositioned to another location within the design canvas of an orchestration-style integration flow? Select THREE.

- A. Stage File Action using a Read File in Segments operation
- B. Stage File Action using a Write File operation
- C. Switch Action
- D. JavaScript Call Action
- E. For Each Loop Action
- F. Stage File Action using a Read File operation

Answer: BDF

NEW QUESTION 61

Which Oracle Integration Cloud (OIC) service role does NOT have permission to run an OIC Integration?

- A. ServiceDeveloper
- B. ServiceAdministrator
- C. ServiceInvoker
- D. ServiceUser

Answer: D

NEW QUESTION 66

CSV-formatted data has been extracted from ERP Cloud by invoking a web service using the SOAP Adapter, and the data extracted has been returned as an MTOM attachment. You now need to send this CSV file to an external REST API that supports accepting this content as a Base64 encoded string. Which XPath mapper function should be used to map the SOAP MTOM attachment to the Base64 element present in the target REST API payloads?

- A. decodeBase64
- B. encodeBase64
- C. encodeReferenceToBase64
- D. decodeBase64ToReference

Answer: C

NEW QUESTION 68

When creating a new Oracle Integration Cloud (OIC) Connection resource, there are several steps that must be done before it is fully configured and can be used in an integration flow. Which task is NOT required in order to transition a new Connection resource from the draft to the configured state?

- A. Specify an adapter type.
- B. Specify the connection role.
- C. Configure the security properties.
- D. Specify the corresponding lookup.
- E. Configure the connection properties.
- F. Execute a successful test of the connection.

Answer: D

NEW QUESTION 69

Your organization has a number of active integrations in Oracle Integration (OIC). Your advice is sought out on the consequences of deactivating integration instances. Which statement concerning integration deactivation is NOT valid?

- A. Processing of any new messages will be immediately stopped.
- B. All existing history, monitoring, and runtime data will be lost.
- C. You can choose to retain the event subscription, where events are resent if the integration is reactivated within six hours.
- D. You will not be able to observe any failed instances occurring after the deactivation request.

Answer: B

NEW QUESTION 71

As an integration developer, you are implementing an integration in Oracle Integration (OIC) to transform a payload with multiple orders. You have decided to leverage the For Each action to loop through each order and process them individually. How do you configure the For Each action to support this scenario?

- A. Select the Sequential Processing option and set the number of threads to the number of orders.
- B. Select the Group By option separating the orders by their order number.
- C. Select the Repeating Element field and map the source element that contains the orders.
- D. Select the Parallel Processing option and set the number of threads to the number of orders.

Answer: C

NEW QUESTION 75

You are tasked with creating an Oracle Integration Cloud (OIC) integration flow that supports a B2B document exchange. When configuring the B2B action, there are several capabilities as well as limitations. Which statement is NOT valid concerning OIC B2B capabilities?

- A. It is mandatory to perform validations on EDI documents for inbound translations; however, for outbound translations, it is optional.
- B. A previously created Trading Partner Agreement is optional when configuring the inbound or outbound translation.
- C. You can customize standard Electronic Data Interchange (EDI) documents by adding new schema constructs or by editing existing constructs.

Answer: A

NEW QUESTION 80

You are developing an integration in Oracle Integration (OIC) to integrate two systems and wish to use an OIC Lookup. The goal is to transform customer status codes between the two systems. Which set of steps are essential for correctly utilizing the Lookup?

- A. Create a connection between the two systems, then use a SQL query to access the Lookup table directly, and map the customer status codes.
- B. Define a Lookup table containing the customer status code mappings, and then use theInvokeaction to call a web service for the transformation.
- C. Design a custom script to perform the transformation, and then use the Lookup function within a Map action to reference the script and transform the customer status codes.
- D. Create a Lookup table with the mappings of customer status codes, and then use the Lookup function within a Map action to reference the table and perform the transformation.

Answer: D

NEW QUESTION 81

There are use cases in which you need to perform an advanced XSLT task that you cannot perform in the Oracle Integration Cloud (OIC) data mapper. To perform the advanced mapping tasks, you decide to use an external XSLT mapper and then import the .xsl file back to your integration. What is NOT a valid consideration

when handling this use case?

- A. The exported archive file can include a map file that is largely complete in content or a map file that is empty of content.
- B. The exported archive must be imported into an Oracle Service Bus project in JDeveloper.
- C. Once the advanced mapping is complete, you must import the entire integration that contains the updated .xsl files.
- D. You must export the entire integration that contains one or more .xsl files.

Answer: B

NEW QUESTION 84

Which statement is NOT true about schedule parameters in Oracle Integration Cloud (OIC) integration flow?

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

Answer: B

NEW QUESTION 88

You are an Oracle Integration (OIC) specialist working on a project to integrate two systems using OIC. Although the integration tested successfully in the development environment, you notice that the integration instance fails to execute in production and returns an error message. Which step would you first take to troubleshoot the issue?

- A. Increase the number of instances to handle the error.
- B. Contact Oracle Support.
- C. Immediately restart the integration instance.
- D. Check the instance activity stream for specific error messages and details.

Answer: D

NEW QUESTION 91

You are configuring an Oracle ERP Cloud adapter connection invoke action within an Oracle Integration (OIC) integration and have selected to browse by Business (REST) resources. Once you have selected the parent resource, how many child resources can you select?

- A. 7
- B. 5
- C. Unlimited
- D. 10

Answer: C

NEW QUESTION 95

You are configuring an ERP Cloud Adapter connection invoke action within an Oracle Integration Cloud (OIC) integration. How many child resources can you select?

- A. Unlimited
- B. 10
- C. 5
- D. 7

Answer: A

NEW QUESTION 97

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?

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

Answer: C

NEW QUESTION 102

Which type of certificate requires the uploading of a keystore (.jks) file in Oracle Integration Cloud to facilitate two-way SSL communication with external services?

- A. Unified Communications Certificate
- B. Multi Domain Certificate
- C. Identity Certificate
- D. Message Protection Certificate

Answer: C

NEW QUESTION 105

Which statement about the Oracle Integration (OIC) connectivity agent is NOT valid?

- A. You must create an agent group before you can run the connectivity agent installer.
- B. Creating the agent group automatically creates an OAuth client application.
- C. You can create up to five agent groups for each OIC instance.
- D. The connectivity agent can use Basic Authentication or OAuth 2.0 token-based authentication when invoking OIC endpoints.

Answer: B

NEW QUESTION 109

When creating integrations in Oracle Integration Cloud (OIC), a visual mapper enables you to map element nodes between applications by dragging source element nodes onto target element nodes. Which statement is NOT true about the OIC Data Mapper functionality?

- A. All transformation mappings use eXtensible Stylesheet Language (XSL).
- B. In the designer view, the Sources section contains data structure of all available data objects, which includes integration metadata, tracking variables, global variables, and integration property values.
- C. The data structure for the target service is always displayed on the right side in the designer view.
- D. All source and target data objects are represented internally as JSON structures.
- E. When you navigate to the mapper and select a target element, Expression Builder launches in a user-friendly mode by default.

Answer: D

NEW QUESTION 113

Your team is responsible for an OIC package that contains five integrations. Currently, three of these integrations are active while the other two are inactive. Which statement is valid if you were to replace a connection used in this package?

- A. You cannot replace connections unless all integrations in the package are in an inactive state.
- B. You can only replace the connections used by the three active integrations.
- C. You can only replace the connections used by the two inactive integrations.
- D. You cannot replace connections unless all integrations in the package are in an active state.

Answer: A

NEW QUESTION 118

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