Vendor: Oracle

Exam Code:1Z0-478

Exam Name: Oracle SOA Suite

Version: Demo

QUESTION 1

How are task outcomes processed in a BPEL process?

A. Each path out of the human task activity has a condition in which you specify the outcome that causes that path to be followed.

B. With onMessage or pick activities that receive the outcome from the human workflow engine.

C. With a switch containing a case for each outcome of interest plus an optional otherwise case after the human task activity.

D. With a switch containing one case for each possible outcome after the human task.

Correct Answer: C

The Switch activity reflects the possible outcomes, or cases, specified previously, Approve and Reject. It also has an Otherwise case to represent other outcomes, such as errored, stale, or expired. Inside each of the cases, you can add activities to complete modeling of the business process.

Note:

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 Human Task editor--A tool that enables you to specify task settings such as task outcome, payload structure, task participants, assignment and routing policy, expiration and escalation policy, notification settings, and so on.

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 Task outcomes capture the possible outcomes of a task. The Oracle BPEL Worklist Application displays the outcomes you specify here as the possible actions to perform during run time. You can specify the following types of task outcomes:

Select a seeded outcome Enter a custom outcome

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 The Outcomes window displays the possible outcomes for tasks. APPROVE and REJECT are selected by default.

QUESTION 2

Which two approaches are valid when using dynamic partner links in a BPEL process?

A. A WSDL file, which contains multiple services that use the same portType, is available at design time, but the decision to determine which service is used can only be made at runtime.

B. When the BPEL process is designed, the endpoint URL of the WSDL file is known but the services and port types are not known.

C. When the BPEL process is designed, the services and port types of the WSDL file are known but the endpoint URI is not known.

D. A WSDL file, which contains multiple services that use different portTypes, is available at design time, but the decision to determine which server us used can only be made at runtime.

Correct Answer: AC

A (not D): How To Create a Dynamic Partner Link at Design Time for Use at Runtime

To create a dynamic partner link at design time for use at runtime:

1. Create a WSDL file that contains multiple services that use the same portType. etc

C (not B): The BPEL specification mandates that only the partner endpoint reference (EPR) can be changed dynamically. In BPEL terms, only the partnerRole of a partner link element can have a new value assigned. The myRole value doesn\\'t change after the BPEL has been deployed.

Note:

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 Dynamic Partner Links and Dynamic Addressing During the design-time of an application, you may need to configure certain services whose endpoints (addresses) are not known beforehand, or it may be necessary to change an endpoint reference while the application is running. The Dynamic Partner link feature allows you to dynamically assign an endpoint reference to the partner link. This means that you can use one partner link for subsequent calls to different web-services (provided that the services use the same interface).

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 For successful deployment of the process, a partner link should be completely defined. When you deploy the project, the WSDL file for the partner link should contain and define both the abstract and the concrete information for the partner link, including address and port, though later the concrete information can be changed independently from the WSDL file.

QUESTION 3

Which option is not able to invoke a human task?

A. A BPEL process in the same composite as the human task

B. A BPEL process in a different composite where the human task is defined

C. A Mediator in the same composite as the human task

D. A web service client outside of the composite where the human task is defined

E. Another human task in the same composite as the first human task

Correct Answer: D

QUESTION 4

Which two activities are typically performed during the service implementation and configuration phase of the SOA lifecycle?

A. Capabilities are evaluated and prioritized based on business models and ROI.

B. Oracle Enterprise Repository promotes services and harvested endpoints to the service registry.

C. Developers find and reuse services to help them complete development.

D. Developers use harvesting tools to submit their completed implementations to Oracle Enterprise Repository.

Correct Answer: CD

Implementation and Configuration

As capabilities are funded, projects are established to implement the capability. SOA Suite developers working in JDeveloper can see and reuse services from the enterprise repository to complete their projects. Service Bus developers working in Eclipse can see and reuse services from the enterprise repository to complete their projects (C).

Developers can also harvest their completed implementations directly to the Enterprise Repository (D). The Enterprise repository also supports VS .Net development.

QUESTION 5

Which statement is true about editing adapter InteractionSpec endpoint properties with Enterprise manager Fusion Middleware Control?

A. InteractionSpec properties can be added or removed, but they take effect only after the composite is retired and activated.

B. Adapter endpoint property values can be changed, but they take effect only after the composite is retired and activated.

C. Adapter endpoints property values can be changed, and they take effect without retiring and activating the composite.

D. InteractionSpec property values cannot be changed.

Correct Answer: C

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 The InteractionSpec or ActivationSpec Properties Properties in this group require the adapter endpoint to be recycled. The values of properties in this group can be changed from the EM console. However, property-dependency constraint validation requires that Oracle JDeveloper be used to make changes (adding or removing) to the composition of these properties.

*

 The InteractionSpec or ActivationSpec Properties These properties require the adapter endpoint to be recycled. For properties in this group, you can change their values from the EM console. However, to change the composition (add or remove) of these properties, you must use Oracle JDeveloper because of property-dependency constraint validation.

QUESTION 6

Which statement is correct about a JCA common client interface?

A. The JCA binding component uses the JCA common client Interface APIs to communicate with the resource adapter.

B. The resource adapter uses the common client interface APIs to communicate with the EIS.

C. The resource adapter implements the standard MessageListener interface to poll for events from the EIS.

D. The application server uses the common client interface APIs to commune with the EIS.

Correct Answer: A

Note:

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 The Common Client Interface (CCI) is the JCA-recommended client API for all resource adapters.

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A resource adapter is a system-level software driver that enables J2EE components to communicate with a back-end enterprise information system (EIS) through a JCA-compliant application server when a resource adapter for the specific EIS is deployed to the server.

QUESTION 7

Which JDeveloper SOA project artifacts have references to the JNDI name of a resource adapter connection factory that is used in the project?

A. .jca file

B. .wsdl file

C. .componentType file

D. adf-config.xml file

Correct Answer: D

Example:

If the MDS database has a JNDI name, then use the following entries in adf-config.xml:

QUESTION 8

You want to monitor a specific BPEL process variable in your process. You have all the capability Oracle SOA Suite at your disposal.

Which approach do you take if you want the variable data written to a JMS queue to be processed by another application?

A. Identify the variable as a key performance Indicator (KPI) and track it in BAM.

B. Use a composite sensor on the appropriate service or reference binding.

C. Use a BPEL Process Manager sensor to collect the value and context.

D. Use Oracle Event Processing (OEP) to monitor the activities being executed in the BPI l process.

Correct Answer: C

QUESTION 9

You have defined an event. You now want to trigger that event from an existing Mediator component.

How do you link the event to the Mediator so that the Mediator can raise the event to the Event Delivery Network (EDN)?

A. Use the SOA Composite Editor to specify the event as a property on the incoming wire into the Mediator component.

B. Use a text editor to modify the .edl file that defines the event so that the Mediator is identified as a publisher.

C. Use the SOA Composite Editor to add a raise action to the Mediator\\'s .mplan specification file.

D. Use Enterprise Manager to associate the Mediator with the appropriate event.

Correct Answer: C

Note:

* What Happens When You Create and Subscribe to a Business Event

The source code below provides details about the subscribed event of the Oracle Mediator service component.

Example, Subscribed Event

QUESTION 10

Which capability or benefit is not applicable to Oracle Service Bus?

A. Service mediation

B. Service abstraction

C. Translation and transformation

D. Service creation

E. Stateful processing

Correct Answer: E

Service Bus only can do stateless processing, and one of the most important benefits of Service Bus is the service abstraction

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QUESTION 11

To add an xsi:type attribute to a target element, what needs to be mapped to the target element?

A. A rename element on the canvas

B. A recast element on the canvas

C. An expression on the canvas

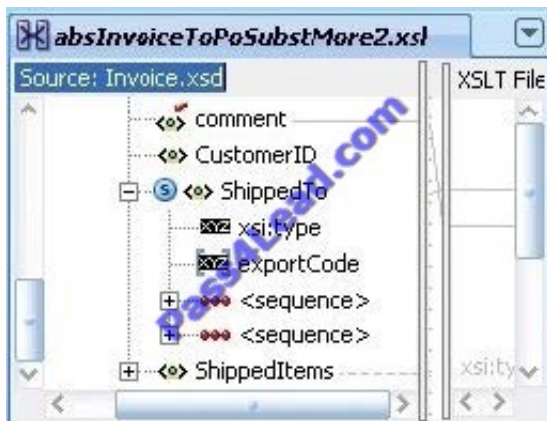D. A literal element on the canvas

Correct Answer: D

Note:

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 The xsi:type attribute is added beneath the original element, as shown in the figure below. An S icon is displayed to indicate the node was substituted. You can map from any structural elements in the substituted type.

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 The xsi:type attribute is used to identify derived complex types (as well as complex types that have been derived from).

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 If you have elements in your XML file whose type is a complex type, xsi:type support in the XML editor lets you choose between the complex type and any other complex types derived from it.

QUESTION 12

You want to monitor a specific BPEL process variable in your process. You have all the capability Oracle SOA Suite at your disposal. Which approach do you take if you want the variable data written to a JMS queue to be processed by another application?

A. Identify the variable as a key performance Indicator (KPI) and track it in BAM.

B. Use a composite sensor on the appropriate service or reference binding.

C. Use a BPEL Process Manager sensor to collect the value and context.

D. Use Oracle Event Processing (OEP) to monitor the activities being executed in the BPI l process.

Correct Answer: C

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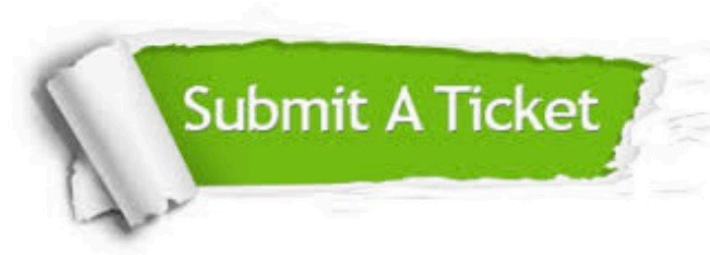
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