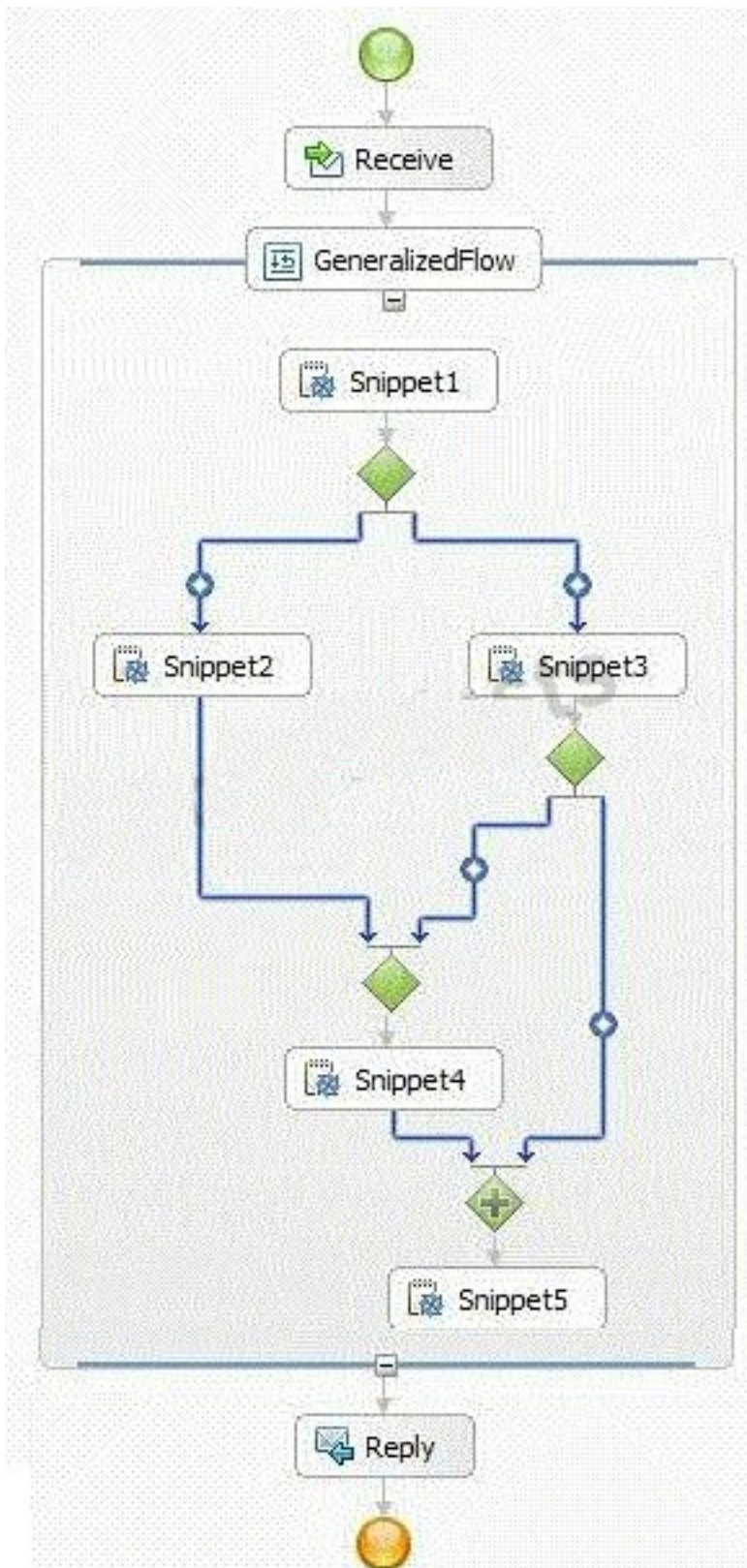**Vendor:** IBM

Exam Code: C2180-273

Exam Name: IBM Business Process Manager Advanced V8.0 Integration Development

Version: Demo

QUESTION NO: 1

An integration developer has configured a BPEL business process for a customer, as shown below:

What behavior will the integration developer observe when executing the flow?

A. It is possible for both Snippet2 and Snippet3 to execute.
B. The execution order of the links entering Snippet2 and Snippet3 has no impact on the process flow.
C. The gateway leading into Snippet5 will cause an error because there is a deadlock in the process flow.
D. The gateway leading into Snippet4 will cause an error because the link exiting Snippet2 has no condition.

Answer: C
Explanation:

QUESTION NO: 2

An integration developer registers two Process Centers with each other and needs to share a child toolkit 'TK-Child' while preserving the dependency with its parent toolkit 'TK-Parent'. How should a integration developer accomplish this? Set Snapshot status of:

A. TK-Child to 'New' and share it with other Process Centers
B. TK-Child to 'Released' and share it with other Process Centers
C. TK-Parent to 'Released', TK-Child to 'New' and share both toolkits with other Process Centers
D. TK-Parent to 'Released', TK-Child to 'Released' and share both toolkits with other Process Centers

Answer: D
Explanation:

QUESTION NO: 3

A client requires that a new BPEL process return a fault message to the requester in case the process does not complete correctly. The integration developer has added a fault handler to the process to catch all exceptions. How should the integration developer return the fault message?
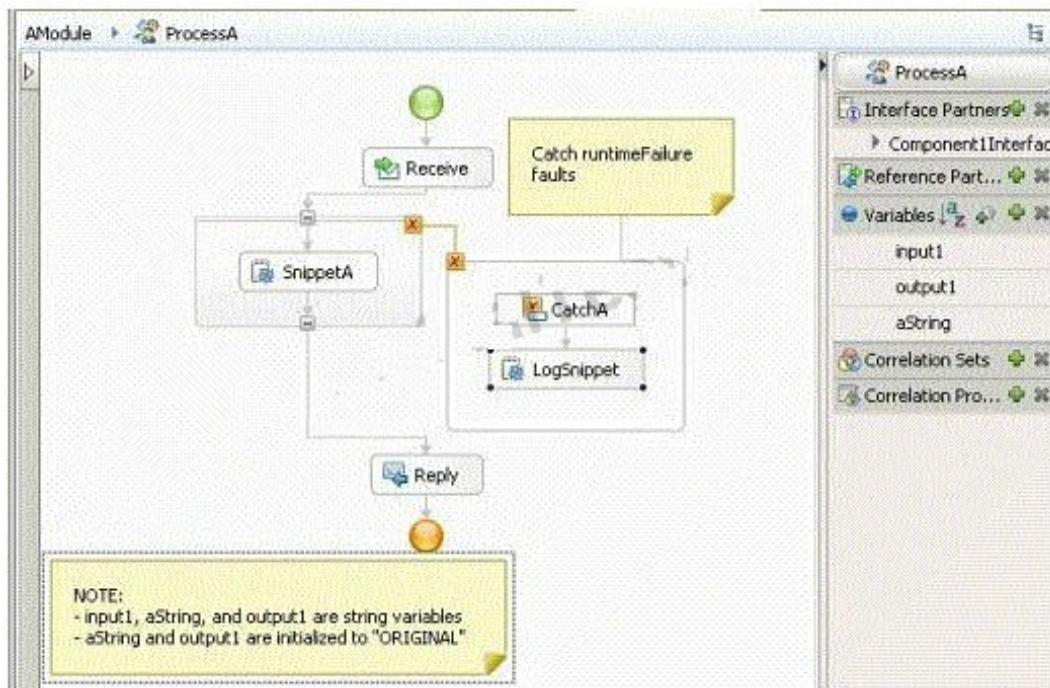
A. Use a throw activity of a business fault.
B. Use a reply activity using a standard fault.
C. Use a reply activity using a business fault defined in the interface.
D. Use a rethrow activity in the fault handler on the process scope using a fault defined in the interface.

Answer: C
Explanation:

QUESTION NO: 4

An integration developer has implemented the business process shown in the exhibits below.

Snippet - SnippetA

Description	○ Visual ● Java
Details	
Server	
Administration	
Exit Condition	
Performance	
Expiration	
Environment	
Event Monitor	
Global Event Settings	

```
/*@bpe.readOnlyVariables names="aString"*/
output1 = "MODIFIED";
aString = "MODIFIED";
if ( input1.length() != 0 ) {
    throw new IllegalArgumentException();
}
```
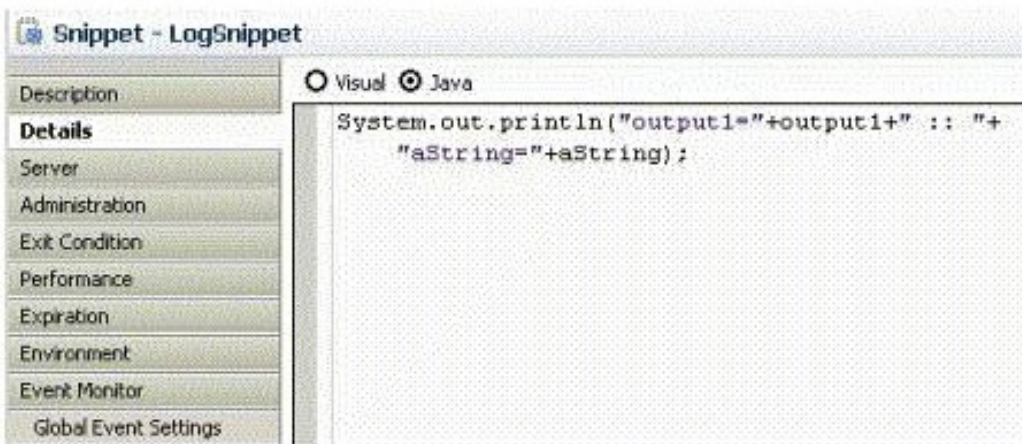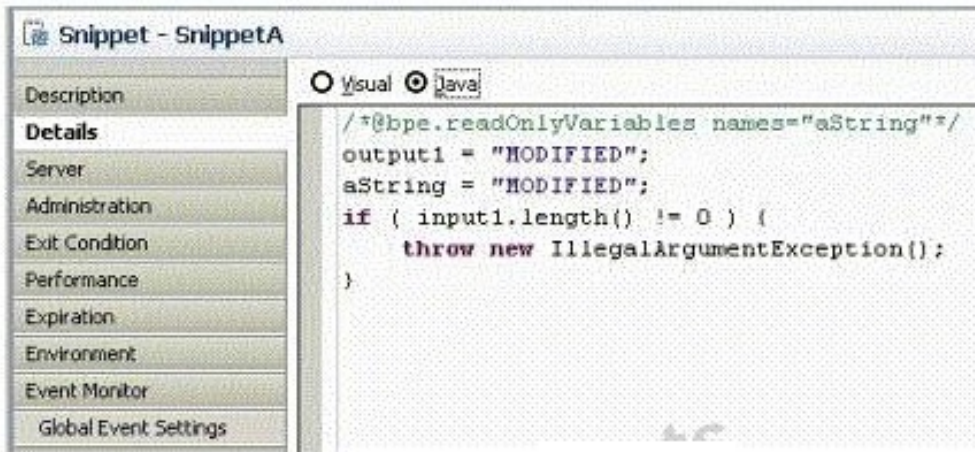
Snippet - LogSnippet

Description	○ Visual ● Java
Details	
Server	
Administration	
Exit Condition	
Performance	
Expiration	
Environment	
Event Monitor	
Global Event Settings	

```
System.out.println("output1="+output1+" :: "+
    "aString="+aString);
```

If the integration developer starts an instance of the ProcessA process with an input of "HELLO", which of the following strings will the LogSnippet snippet write to System.out? If the integration developer starts an instance of the ProcessA process with an input of "HELLO", which of the following strings will the LogSnippet snippet write to System.out? If the integration developer starts an instance of the ProcessA process with an input of "HELLO", which of the following strings will the LogSnippet snippet write to System.out?

A. output1=ORIGINAL :: aString=ORIGINAL
B. output1=ORIGINAL :: aString=MODIFIED
C. output1=MODIFIED :: aString=ORIGINAL
D. output1=MODIFIED :: aString=MODIFIED

Answer: C
Explanation:

QUESTION NO: 5

An integration developer is planning to create a BPEL process to help with the management of customer requests. The developer is intending to use a short-running process for the implementation because it has been determined that the performance of the process is a high priority, but the process must also be able to compensate for changes to the customer's request. What approach should the integration developer take while implementing this process?

A. Implement the short-running process as planned, but call the appropriate compensation activity from a fault handler in the process.
B. Implement the short-running process as planned, but associate an undo-operation with the appropriate invoke activity in the process.
C. Since compensation is not supported in short-running processes, implement a long-running process using compensation pairs.
D. Since compensation is not supported in short-running processes, use a compensation handler and a compensation pair together in the
log-running process

Answer: B
Explanation:

QUESTION NO: 6

An integration developer is planning to create a BPEL process which will invoke an external service. It was determined that the service will be required to run in its own transaction and will be invoked synchronously by the BPEL. The integration developer immediately configures an SCA import in the Assembly Diagram to satisfy these requirements, generates the skeleton BPEL process, and passes the project on to a colleague to complete the BPEL implementation. While completing the implementation of the BPEL, what must the integration developer's colleague consider in the configuration of the Invoke activity used for calling the external service?

A. No time should be spent on the transactional behavior attribute for the Invoke activity because the setting will be ignored for this service.
B. No time should be spent on the transactional behavior attribute for the Invoke activity because the behavior will be determined by the internal
implementation of the service.
C. Great care should be taken when selecting a setting for the transactional behavior attribute for the Invoke activity in the BPEL because this
behavior cannot be set the the Assembly diagram.
D. Great care should be taken when selecting a setting for the transactional behavior attribute of the Invoke activity because the settings made in
the BPEL will override the settings previously made in the Assembly Diagram.

Answer: A
Explanation:

QUESTION NO: 7

An integration developer has configured a BPEL business process for a customer, as shown below:
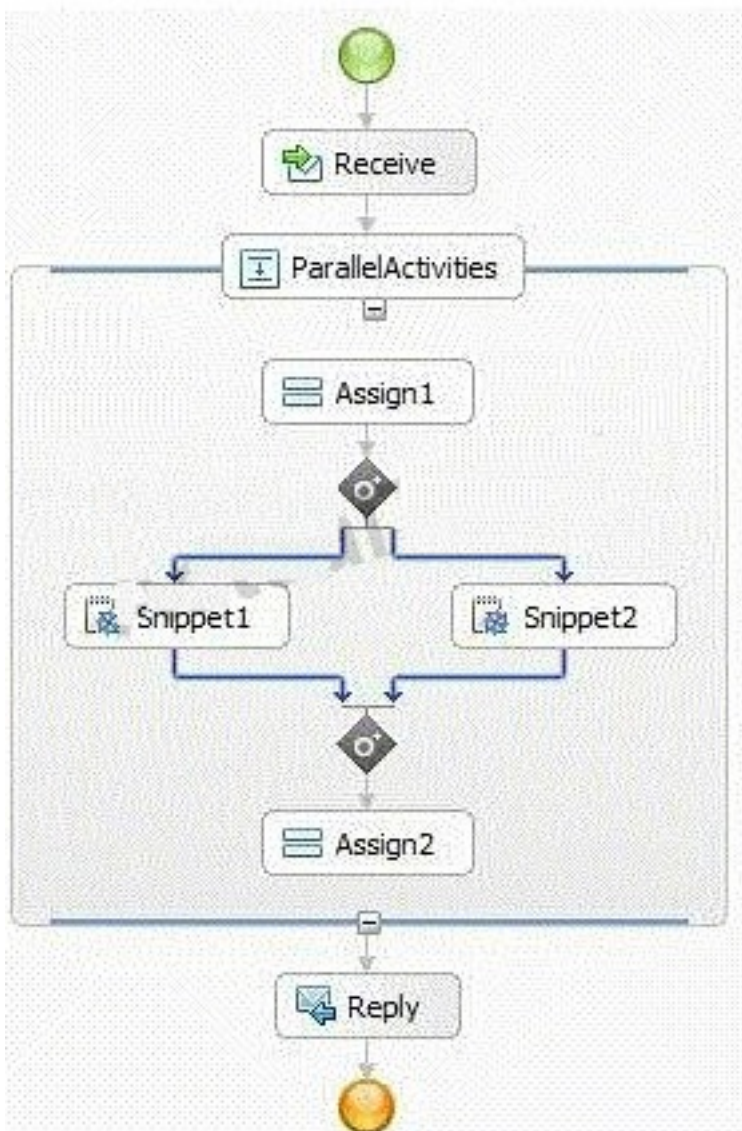
Assume that the transaction behavior of both snippets is Commit After. What behavior will the integration developer observe when executing the flow? Snippet1 and Snippet2 will run in:

A. separate parallel transactions.A.separate parallel transactions.
B. separate sequential transactions.B.separate sequential transactions.

C. a single transaction separate from the transaction running Assign2.C.a single transaction separate from the transaction running Assign2.

D. a single transaction separate from the transaction running Assign1.D.a single transaction separate from the transaction running Assign1.

Answer: B

Explanation:

QUESTION NO: 8

An integration developer needs to design a Web Services Description Language (WSDL) interface containing an operation that has an input of type Client. An existing WSDL file containing the Client data type has been imported into a library using IBM Integration Designer. The Client type cannot be used in the interface editor, although it is in the project data folder and shown by the Business Object Editor. Which option states why the integration developer sees this behavior?

A. The XML schema for the Client data type is not available.

B. The Client data type is in a different namespace than the new interface.

C. The WSDL file must be in a separate project library and referenced by the library project.

D. The Client data type was included in the WSDL file as an inline schema and was not extracted when imported.

Answer: D

Explanation:

QUESTION NO: 9

An integration developer has begun a new project by organizing a business solution as shown below:
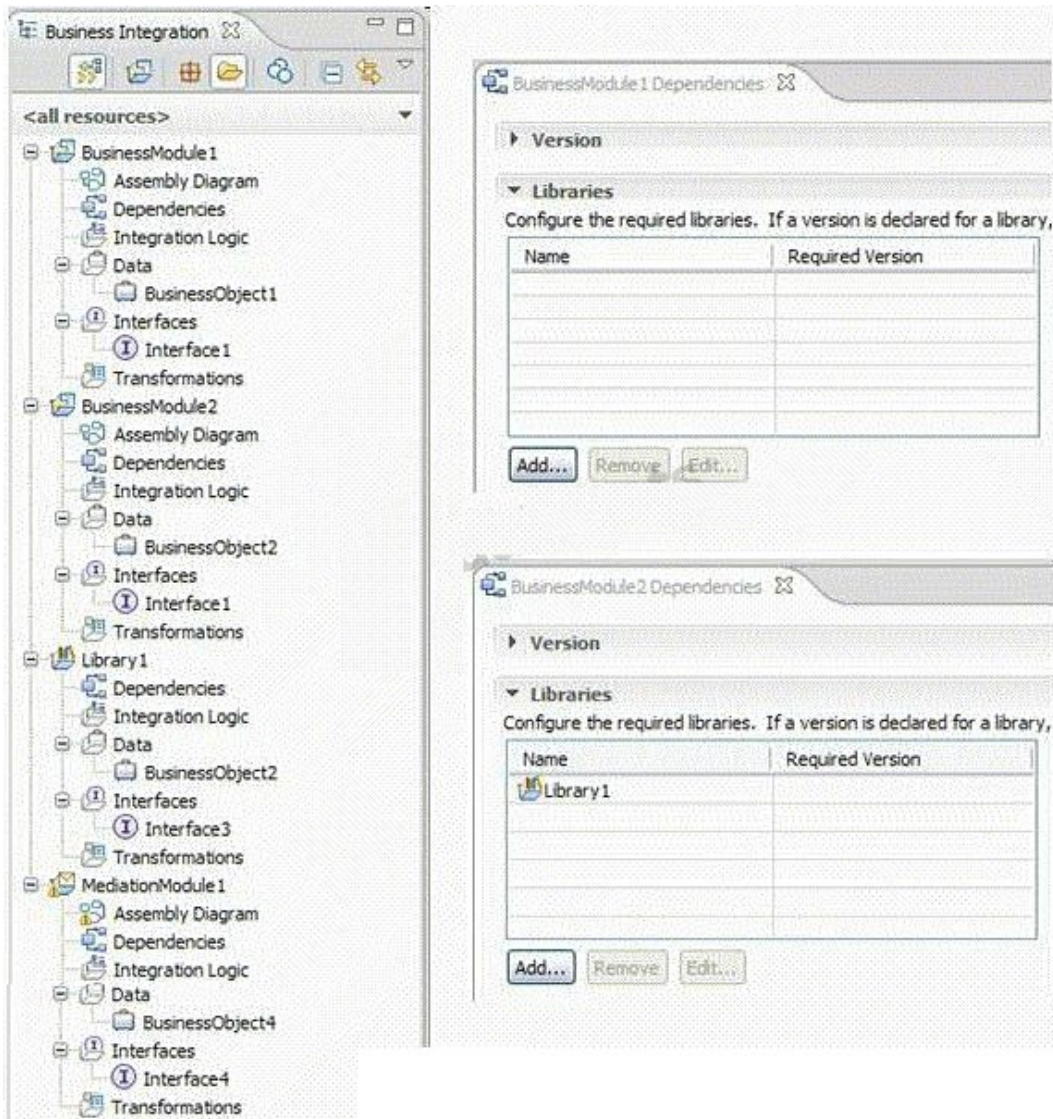
What should the integration developer take into account when continuing to develop the business solution? The integration developer will be able to create a:

A. BPEL process in Library1 using Interface3A.BPEL process in Library1 using Interface3

B. BPEL process in BusinessModule1 using Interface3B.BPEL process in BusinessModule1 using Interface3

C. mediation flow in MediationModule1 using Interface1C.mediation flow in MediationModule1 using Interface1

D. mediation flow in BusinessModule2 using Interface3 D.mediation flow in BusinessModule2 using Interface3

Answer: D

Explanation:

QUESTION NO: 10

Due to performance considerations, an integration developer needs to ensure the number of transactions in a long-running process are kept to a minimum. Which option does the integration developer need to select for the transactional behavior setting of this activity?
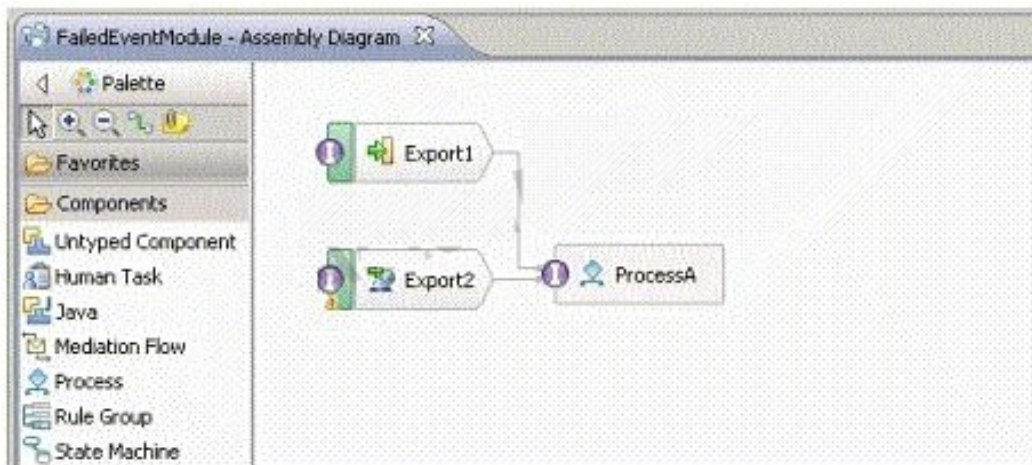
A. Participates
B. Requires Own
C. Commit After
D. Commit Before

Answer: A
Explanation:

QUESTION NO: 11

An integration developer has developed a simple business process (ProcessA) that accepts requests from two exports. Export1 - relies on an asynchronous JMS transport protocol Export2 - relies on a synchronous SOAP/HTTP protocol.

If an unexpected runtime failure happens when executing ProcessA, for what are the failed events generated?

A. JMS failed events are generated for events sent using Export1.
B. Business Process Choreographer (BPC) failed events are generated for ProcessA.
C. Service Component Architecture (SCA) failed events are generated for events sent using Export1.
D. Service Component Architecture (SCA) failed events are generated for events sent using Export2.

Answer: A
Explanation:

QUESTION NO: 12

An integration developer is designing a mediation module that is required to pass MQRFH2 information to a downstream service using an MQ Binding. What part of the Service Message Object should the integration developer use to provide the information required by the Binding?

A. Context
B. Headers
C. Business Object graph
D. Business Object metadata

Answer: B
Explanation:

QUESTION NO: 13

An application receives a batch of order records that are needed to populate a database. An order record is received that will cause an insert into the database table. Subsequent records will update this record. It is important that the: ?insert record is processed first. ?updates are processed so that the order record has the correct information at the end of processing. ?If update 1 changes the quantity from 5 to 20. ?If update 2 changes the quantity from 20 to 11. ?If update 2 is processed before update 1, the order quantity will no longer be correct. Which of the following quality of service (QoS) qualifiers should the integration developer use?

A. Add the Join Transaction qualifier to the interface of the component.
B. Add the Join Activity Session qualifier to the interface of the component.
C. Add the Event Sequencing qualifier to the interface of the component.
D. Add the Event Sequencing qualifier to the implementation of the component.

Answer: C
Explanation:

QUESTION NO: 14

Service A is available to implement a well encapsulated function that is required in the

development of a business process. Service A is available only over an SSL transport and the business process can only invoke it using a JMS transport layer. What type of component should the integration developer use to integrate service A to the business process?

A. Macroflow
B. Java component
C. Mediation component
D. Short running process

Answer: C
Explanation:

QUESTION NO: 15

In the business process below, the "Invoke Credit Checking Service" invokes a service that provides a credit rating for a loan application. An integration developer has received a requirement that loan applications received between 1.Jun.2013 to 31.Dec.2013 must use a different service for obtaining the credit rating.
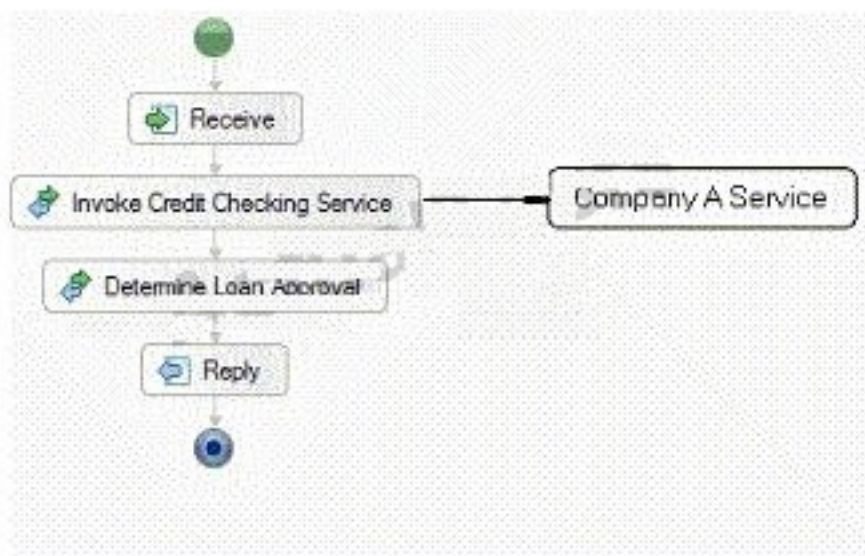
How does the integration developer deliver a solution that will allow for dispatching the service calls to different services based on the above date criteria while ensuring that any further changes to the dispatching service will take place dynamically without requiring the module to be redeployed?

A. Create a mediation module with a service gateway.
B. Create a business process that relies on a choice activity to determine the date criteria.
C. Create a Java component that dispatch events to the destination services based on the date

criteria.

D. Create a selector component that will dispatch events to the destination services based on the date criteria.

Answer: D
Explanation:

QUESTION NO: 16

Because of a client's physical topology, an integration service needs to be deployed to Enterprise Service Bus. An integration developer has created a mediation module for implementing the service integration. Which items can the integration developer use inside of this mediation module to implement the logic?

A. Long running processes, mediation flows, and dependencies to libraries.
B. Microflow BPEL processes, mediation flows, and dependencies to libraries.
C. Mediation flows, dependencies to libraries, Business Rules, and selectors.
D. Mediation flows, Java implementations, and dependencies to libraries projects.

Answer: D
Explanation:

QUESTION NO: 17

A microflow calls a long-running process using a two-way request/response synchronous operation. What can be a consequence of using this pattern?

A. It will be easier to implement Exception Handling in the microflow.
B. When the long-running process completes, the microflow transaction will be committed.
C. The transaction and threads used by the microflow will be tied up until the long-running process finishes.
D. Compensation logic will need to be implemented in the long-running process to ensure the delivery of the reply to the microflow.

Answer: C
Explanation:

QUESTION NO: 18

Which statement correctly describes SCA?

A. With SCA, service contracts and implementation details are visible to the client.
B. An SCA service component definition is included in a file called <SERVICE_NAME>.bpel
C. SCA provides a common invocation model with well-defined interfaces and encapsulation into modules.
D. SCA references that are only available to the service component in which the references are included as stand-alone references.

Answer: C
Explanation:

QUESTION NO: 19

The integration developer needs to enable the Common Event Infrastructure (CEI) on a business process, such that the CEI events are generated only when the business process has completed successfully. Which of the following transaction behavior must the integration developer choose to set on the business process activity? Set a transmission mode of:

A. synchronous and a transaction setting of "NEW".
B. asynchronous and a transaction setting of "NEW".
C. synchronous and a transaction setting of "EXISTING".
D. asynchronous and a transaction setting of "EXISTING".

Answer: C
Explanation:

QUESTION NO: 20

The requirements of a process being implemented are such that it is required to run multiple paths in parallel. What type of artifact should the integration developer use to implement the process?

A. Microflow
B. Long running process
C. Selector with multiple selection criteria
D. Mediation flow with fan-in/fan-out components

Answer: B
Explanation:

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