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Q&A

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Exam : **C2180-607**

Title : IBM WebSphere Process Server V7.0, Integration Development

Version : Demo

1.Which of the following are TRUE regarding Service Component Architecture (SCA)?
A. Standard Java classes are used to store data.
B. Integration developers can concentrate more time on the details of the service implementation.
C. Without SCA, you must change application code to respond to service implementation changes.
D. SCA provides a single service component abstraction for services that may already be implemented as business processes.
E. The service component definition is included in a file called <SERVICE_NAME>.SCDL that can have zero or more interfaces associated with it.
Answer: C,D

2.Refer to the exhibits.
Exhibit 1 shows the definition of Customer business object.

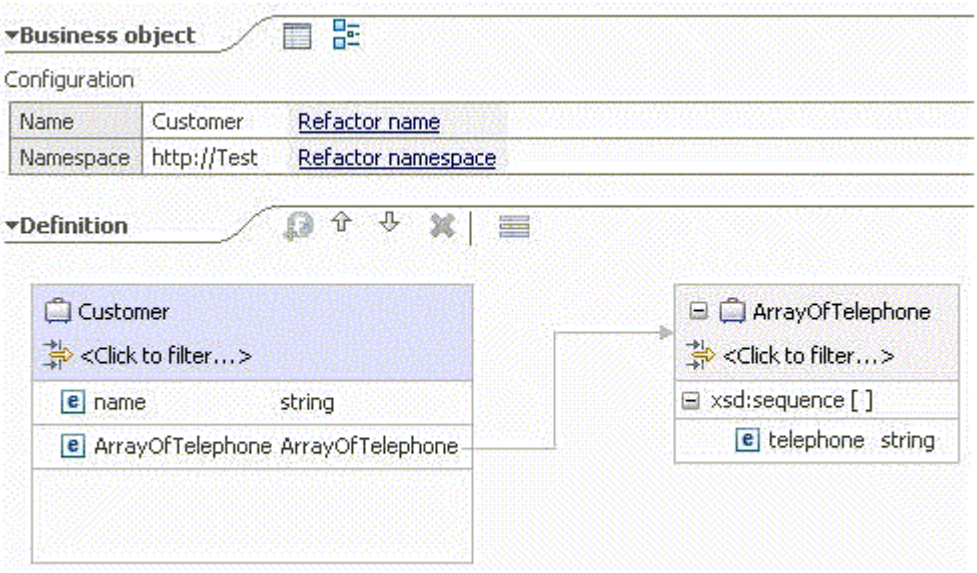
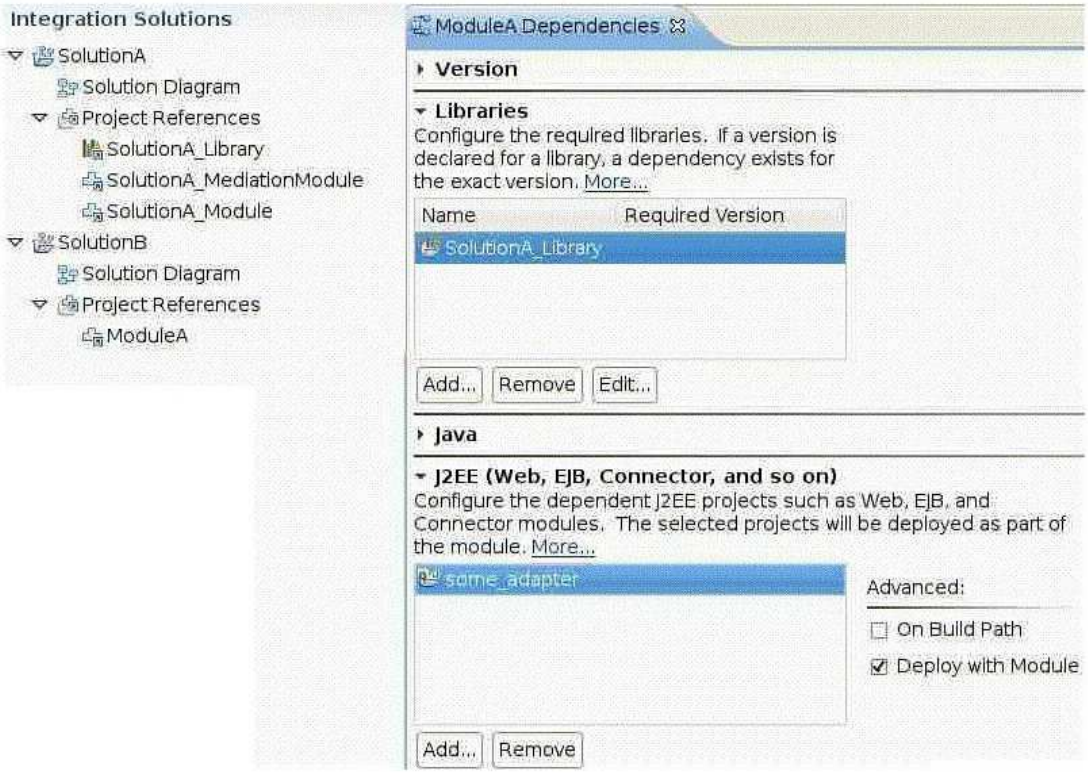


Exhibit 2 contains fragments of Java code that creates an instance of Customer business object.
Which of the following lines of code places a value in the telephone field in the ArrayOfTelephone child business object?
A. DataObject tele_array = customer.createDataObject("ArrayOfTelephone");A.DataObject tele_array = customer.createDataObject("ArrayOfTelephone"); tele_array.setString("telephone", "111-1111");
B. DataObject tele_array = bof.create("http://Test", "ArrayOfTelephone");B.DataObject tele_array = bof.create("http://Test", "ArrayOfTelephone"); tele_array.setString("telephone", "111-1111");
C. DataObject tele_array = customer.createDataObject("ArrayOfTelephone");C.DataObject tele_array = customer.createDataObject("ArrayOfTelephone"); Sequence seq = tele_array.getSequence(); seq.add("telephone", "111-1111");
D. DataObject tele_array = customer.createDataObject("ArrayOfTelephone");D.DataObject tele_array = customer.createDataObject("ArrayOfTelephone"); Sequence seq = tele_array.getString("telephone");? seq.add("telephone", "111-1111");
Answer: C

3.A company is redesigning an existing business process. During implementation, the integration developer realizes that the interface of an imported service is now different from the reference of the

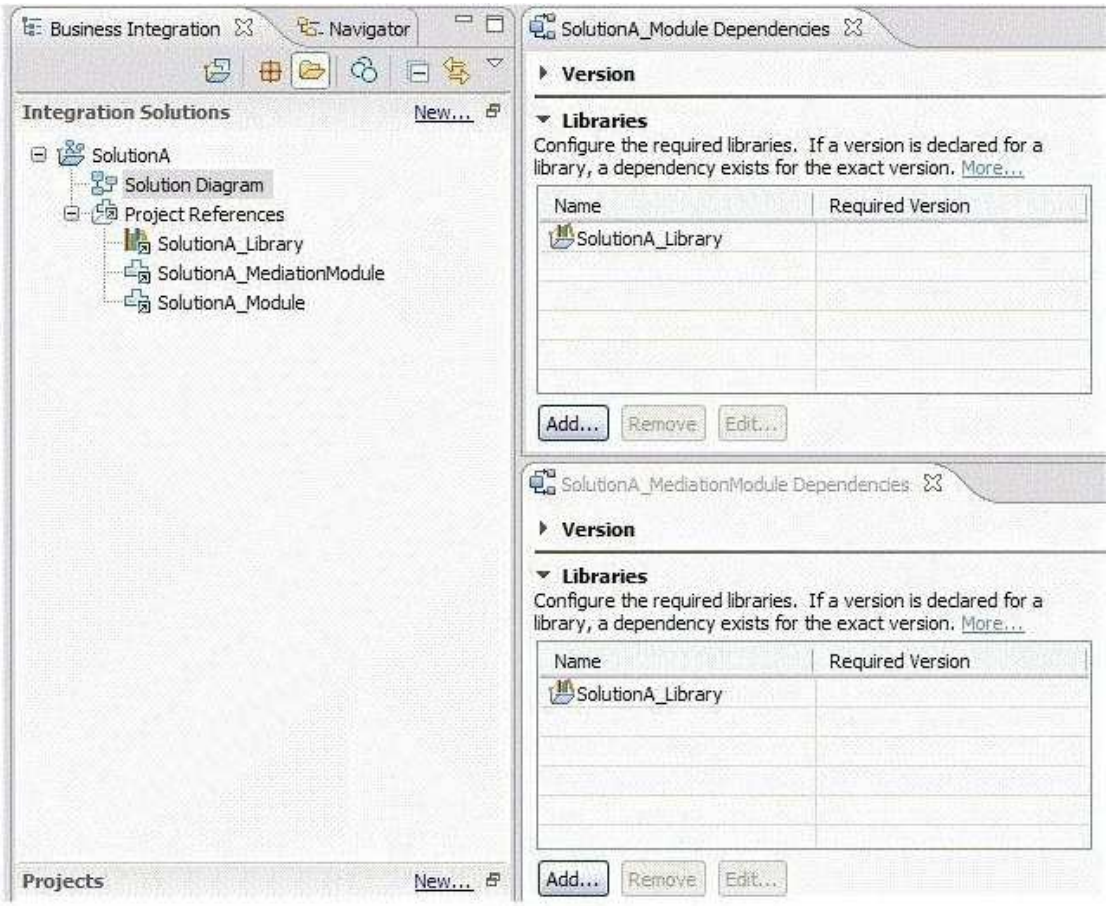
business process. Which of the following is the BEST solution for supporting future releases?
A. Implement a bridge using a java component.
B. Implement an EJB that connects to both interfaces.
C. Use a data map to connect both interfaces.
D. Use a mediation flow to connect both interfaces.
Answer: D

4.Refer to the Exhibit.



Assuming some_adapter is a valid JCA adapter, which of the following is TRUE about this configuration?
A. Since SolutionA_Library is referenced by the two solutions, it has to be configured as a shared library.
B. The configuration is incorrect because SolutionA_Library isn't included in the project references of SolutionB.
C. When exporting SolutionB for server deployment, an EAR file containing 2 JARs, 1 WAR and 1 RAR is created.
D. When exporting SolutionB for command-line service deployment, a ZIP file containing 2 JARs, 1 WAR and 1 RAR is created
Answer: C

5.Refer to the Exhibit.



As shown in the Exhibit, both modules of SolutionA reference the library, which is configured to be deployed with the module.

If an integration developer exports SolutionA for command-line service deployment, the result is:If an integration developer exports SolutionA for command-line service deployment, the result is:

A. one zip file containing the folders for the library and both modules.

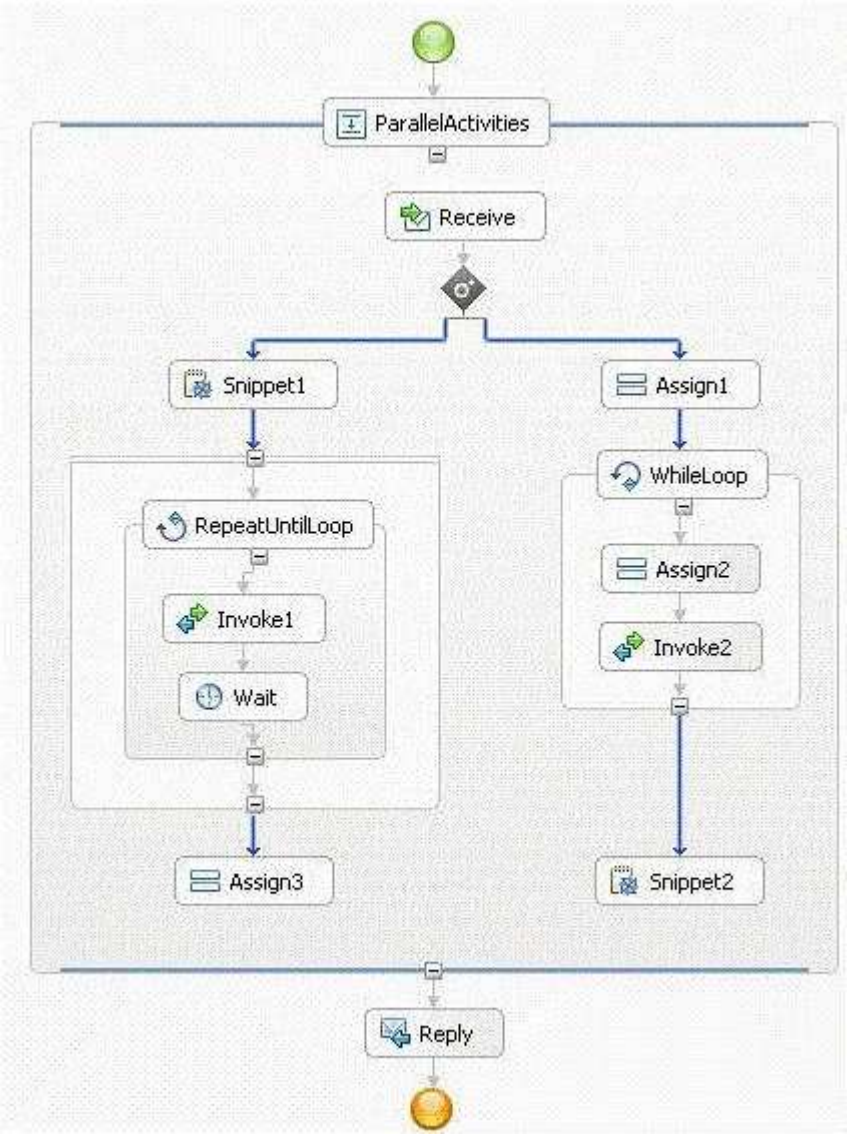
B. two zip files, one for each module, containing the folders for the library and the module.

C. one enterprise archive containing the archives for the library, both modules, and a web application.

D. two enterprise archives, one for each module, containing the archives for the library, the module and a web application.

Answer: B

6.Refer to the Exhibit.



This process should be defined as a long-running process, because the implementation contains:

A. a Snippet.

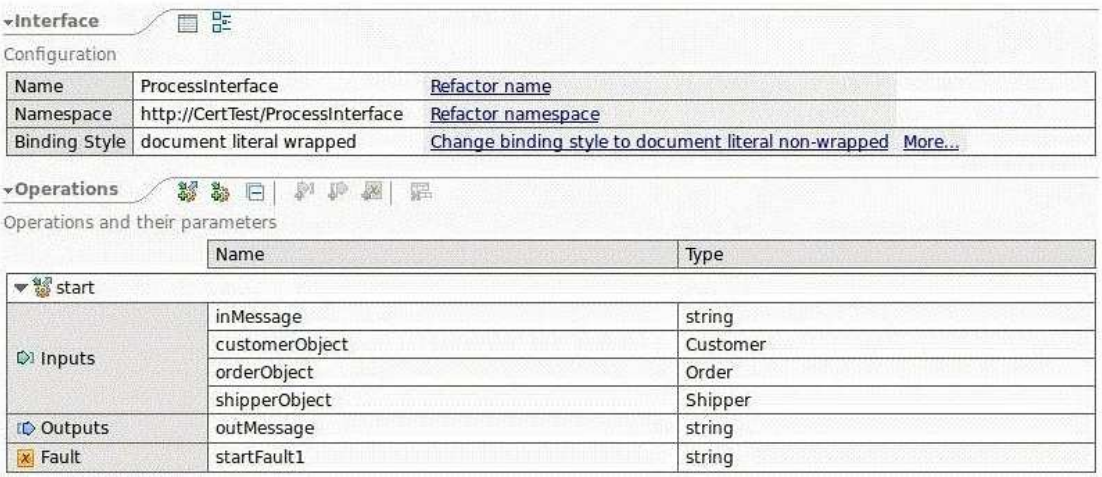
B. a Parallel flow.

C. a Wait activity.

D. a Repeat Until Loop activity.

Answer: C

7.Refer to the exhibit.



Interface

Configuration

Name	ProcessInterface	Refactor name
Namespace	http://CertTest/ProcessInterface	Refactor namespace
Binding Style	document literal wrapped	Change binding style to document literal non-wrapped More...

Operations

Operations and their parameters

	Name	Type
start		
Inputs	inMessage	string
	customerObject	Customer
	orderObject	Order
	shipperObject	Shipper
Outputs	outMessage	string
Fault	startFault1	string

A developer using the interface in the exhibit is facing a requirements change - the start operation needs to be a one-way operation that uses the existing inputs. Which of the following is the BEST way to make the change?

A. Add a new one-way operation to the interface and ignore the existing operation.

B. Click on the operation name and choose "Alt+Shift+R" to refactor the operation.

C. Right-click on the operation and choose "Change to One Way Operation" from the context menu.

D. Delete the interface and create a new interface with the same name, namespace, and operation name with a one-way operation.

Answer: C

8.Refer to the exhibit.

```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
      targetNamespace="http://Test" xmlns:tns="http://Test">

    <xsd:complexType name="Parent">
      <xsd:sequence>
        <xsd:element name="name" type="xsd:string"/>
        <xsd:element name="child" type="Child"/>
      </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="Child">
      <xsd:sequence>
        <xsd:element name="name" type="xsd:string"/>
        <xsd:element name="grandChild" type="GrandChild"/>
      </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="GrandChild">
      <xsd:sequence>
        <xsd:element name="name" type="xsd:string"/>
      </xsd:sequence>
    </xsd:complexType>

  </xsd:schema>
```

Given that an instance of the Parent business object is parent, which of the following fragment of code sets the GrandChild's name attribute to be "John Doe"?

A. parent.setString("name", "John Doe");
B. DataObject grandchild = parent.createDataObject("grandChild");
grandchild.setString("name", "John Doe");
C. DataObject child = parent.createDataObject("child");
DataObject grandchild = child.createDataObject("grandChild");
grandchild.setString("name", "John Doe");
D. DataObject child = parent.createDataObject("http://Test/Child");D.DataObject child = parent.createDataObject("http://Test/Child");
DataObject grandchild = child.createDataObject("http://Test/GrandChild");
grandchild.setString("name", "John Doe");
Answer: C

9.An integration developer is planning a modular design to support the implementation of a large application. Which of the following BEST describes the approach that should be taken by the integration developer while designing the solution in order to achieve module reuse and application maintainability over time?
A. Use separate modules to expose the logical units of function as separate services and use a single library to hold the commonly used data types, interfaces, and transformation artifacts.
B. Create multiple modules and libraries to expose the functions that compose the application as separate services. The services should be selected based on the relative module sizes and complexity of the functions provided.
C. Identify the portions of the code that are most likely to be reused and deploy each as a separate logical unit into multiple libraries as independent services. Use a single module to invoke the services deployed in the libraries.
D. Determine which components should be logically deployed on separate servers based on the performance requirements of the application and package the code into modules so that there will be one module per server in the infrastructure.
Answer: A

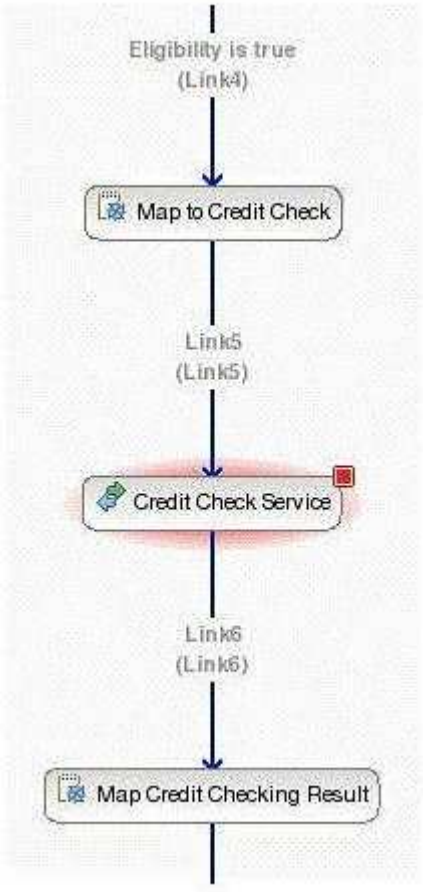
10.An integration developer creates a new version of a current module and needs to update the SCA module version in the WebSphere Integration Developer test environment. Which of the following task will the integration developer need to perform in order to create new instances of the latest version of the process?
A. Run serviceDeploy against the exported, versioned module file to generate an installable EAR file.
B. Export the versioned module as an EAR file and manually deploy it using the administrative console.
C. Add the versioned module to UTE via Add/Remove projects option and confirm that the status of the project changes to published.
D. Create process migration specification by selecting the process components in the module that apply and then deploy the exported EAR file.
Answer: A

11.A bank implements a loan processing service, Module A, which invokes services provided by several other SCA applications. During the integration testing, the developer finds a problem with the Module A. Since the implementation is very complex, the developer decides to enable cross-component trace to

troubleshoot. Which of the following statements is TRUE?
A. The loan processing service, along with the associated modules have to be deployed onto the same server.
B. All associated applications must be loaded in the current workspace in order for the cross-component trace to work.
C. Cross-component trace can be enabled through the Server Logs view in the WebSphere Integration Developer or from the administrative console.
D. If cross-component trace is enabled with data snapshot, the system captures the data sent in and passed between SCA components in the WPRCSDB database.
Answer: C

12.An integration developer is testing a microflow which invokes several external services. This microflow should take no longer than 30 seconds to complete. During the execution, a transaction timeout exception was thrown. The developer suspects that one of the external services is taking too long to return the response. Which of the following methods is the BEST approach to troubleshoot this problem?
A. Use a BPC Explorer to check execution time of the each invocation activity.
B. Use the Tivoli Performance Viewer to check the duration of the service invocation.
C. Examine the SystemOut.log for the associating transaction exception stack-trace.
D. Implement a fault handler in the microflow and collect additional information through the exception stack-trace.
Answer: C

13.Refer to the Exhibit. The exhibit shows a portion of a process state view monitoring an Account Verification process instance.



The Credit Check Service activity failed because the target service was unavailable due to a system crash. Since this failure happened during testing, the integration developer decided to manually enter sample output data so that the process can be resumed. Which of the following actions will BEST accomplish this task?

A. Select the "Skip Activity" option on Credit Check Service from the process state view.

B. Select Credit Check Service, and then select Map Credit Checking Result as its target activity. Modify the activity and resume.

C. Select the failed event associated with this process instance in the Failed Event Manager. Modify the business object and then resubmit the event.

D. Select the failed event associated with this process instance in the Failed Event Manager. Modify the business object and then resubmit the event.

E. Select the failed event associated with this process instance in the Failed Event Manager. Modify the business object and then resubmit the event.

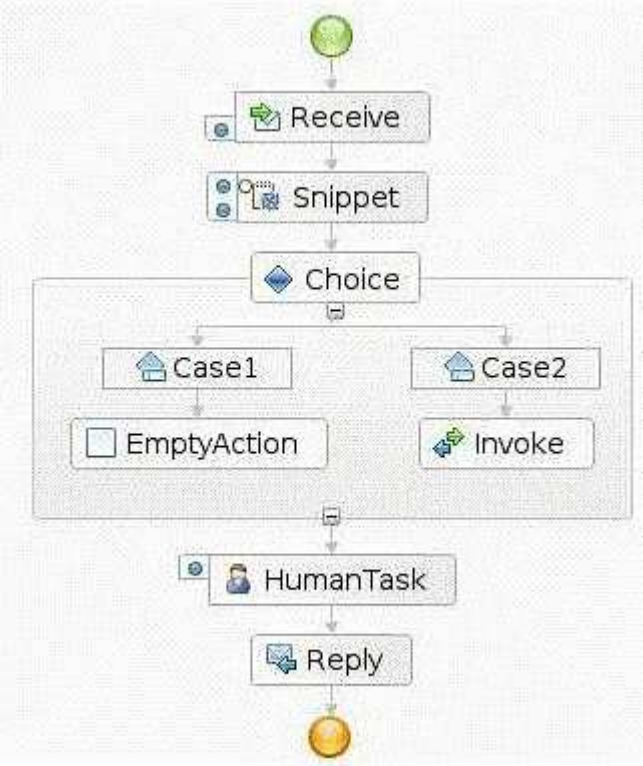
F. Select the "Jump to Another Activity" option on Credit Check Service, and then select Map Credit Checking Result as the target activity. Select the "Force Complete Source Activity and Jump" option to manipulate the output.

G. Select the "Jump to Another Activity" option on Credit Check Service, and then select Map Credit Checking Result as the target activity. Select the "Force Complete Source Activity and Jump" option to manipulate the output.

H. Select the "Jump to Another Activity" option on Credit Check Service, and then select Map Credit Checking Result as the target activity. Select the "Force Complete Source Activity and Jump" option to

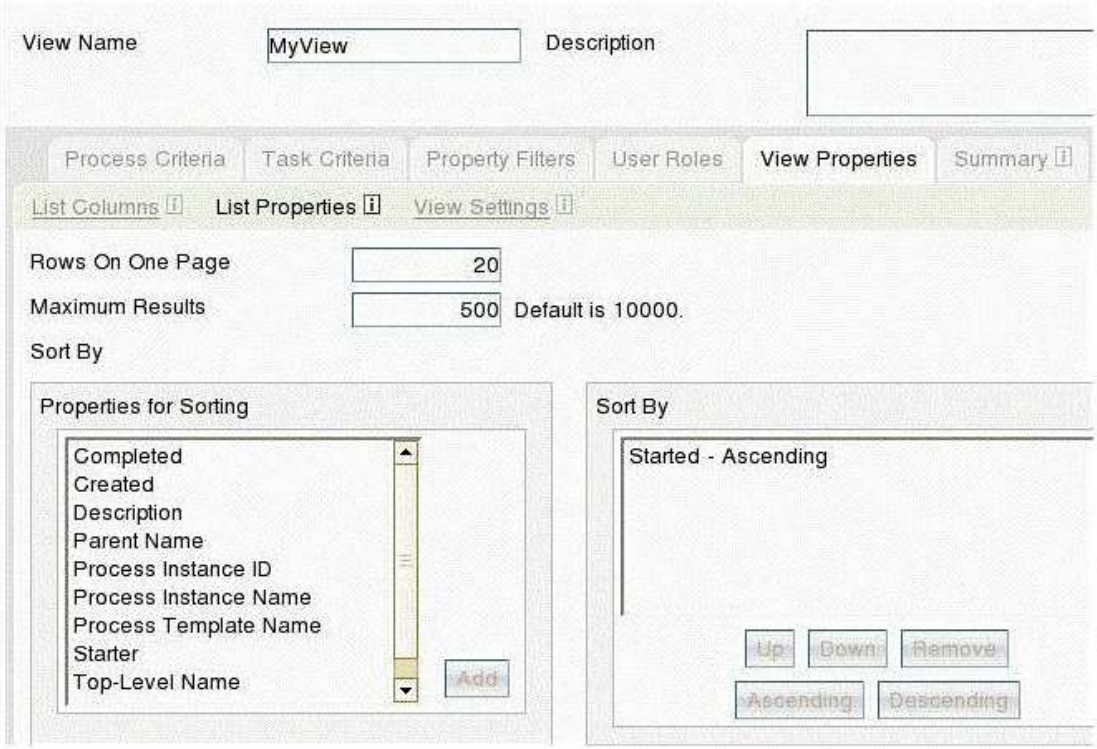
manipulate the output.
Answer: F,G,H

14.Refer to the Exhibit.



Which of the following statements BEST describes this scenario?
A. All breakpoints in the Snippet are disabled.
B. Some breakpoints could be enabled in the Snippet.
C. The Snippet has two entry breakpoints, and one is disabled.
D. There is a configuration error because the Snippet has 2 entry breakpoints.
Answer: B

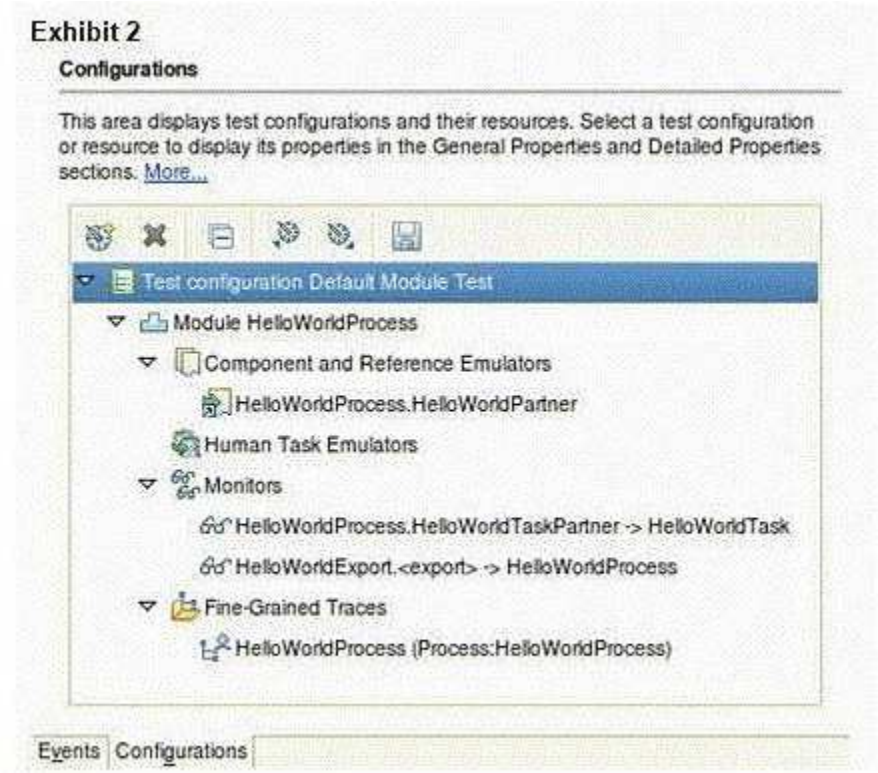
15.Refer to the Exhibit.



Which of the following statements is TRUE about this configuration?
A. The System Administrator role is required for this task.
B. The server must be restarted in order for the custom view to be available.
C. The custom view is also available in the Business Space Processes List widget.
D. Before performing this task, the user must make sure that there are no active process instances running.
Answer: A

16.Refer to the Exhibits.
Exhibit 1 shows the assembly diagram for the HelloWorldProcess module.

Exhibit 2 shows the configuration of the HelloWorldProcess_Test.



Which of the following statements is TRUE?

A. This configuration is set up to test the HelloWorldProcess component in isolation.

B. In order to track the data flow from the HelloWorldProcess to HelloWorldImport, a monitor needs to be added.

C. Since fine-grained trace is enabled for HelloWorldProcess, the server starts cross-component trace once the test is invoked.

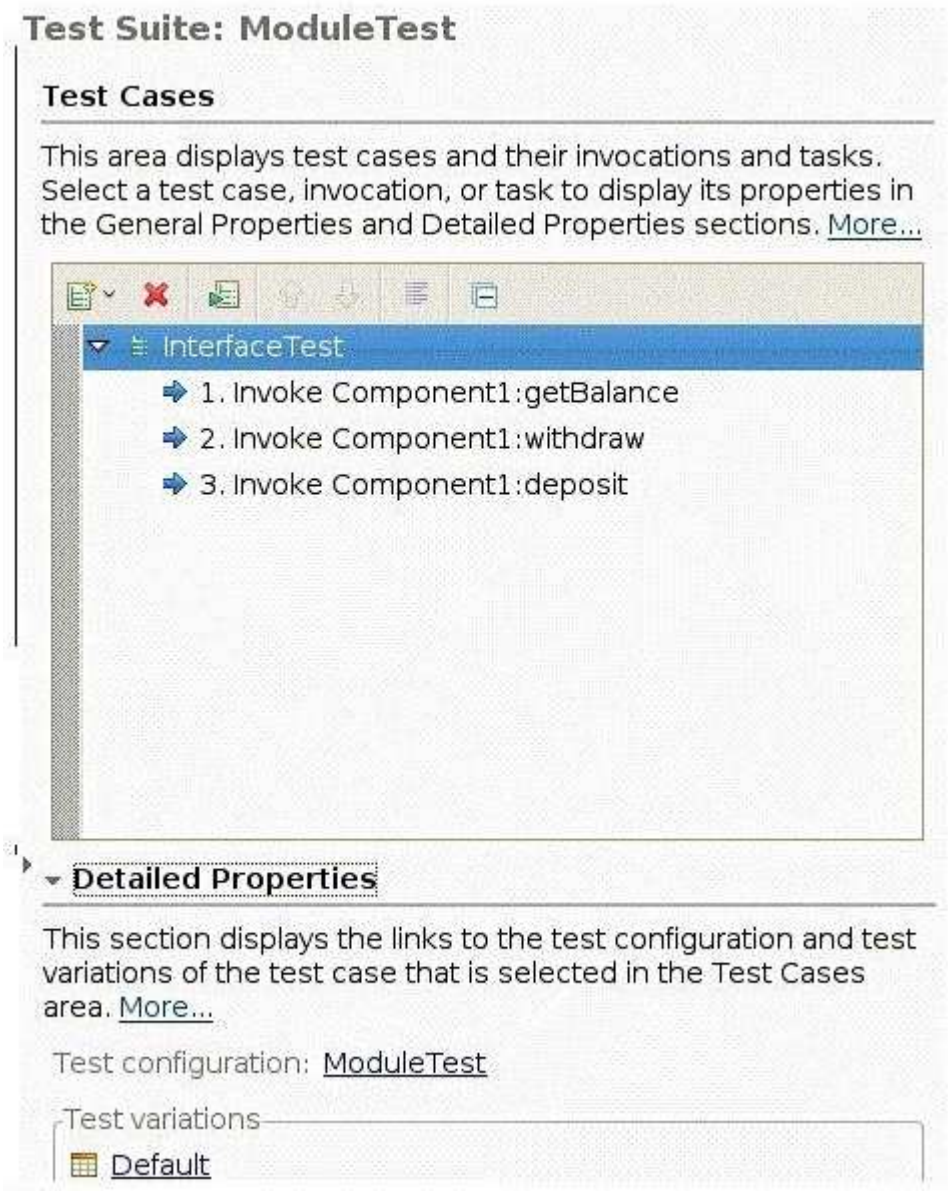
D. A monitor is defined on the HelloWorldTask and HelloWorldProcess components so that the server will generate common base events for these components.

E. A monitor is defined on the HelloWorldTask and HelloWorldProcess components so that the server will generate common base events for these components.

F. A monitor is defined on the HelloWorldTask and HelloWorldProcess components so that the server will generate common base events for these components.

Answer: B

17.Refer to the Exhibit.



Which of the following statements BEST describes this scenario?

A. The test suite can't be modified.

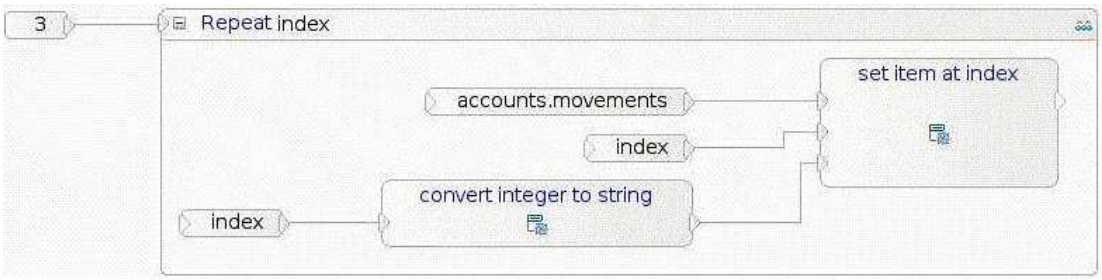
B. The test suite uses the Default data pool when running the test.

C. The test suite was created using the scenario-based testing pattern.

D. The test suite was created using the operation-level testing pattern.

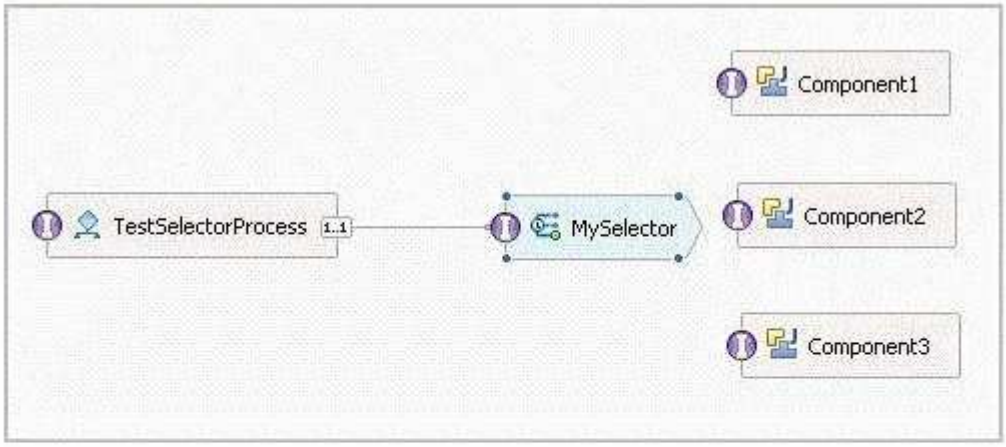
Answer: C

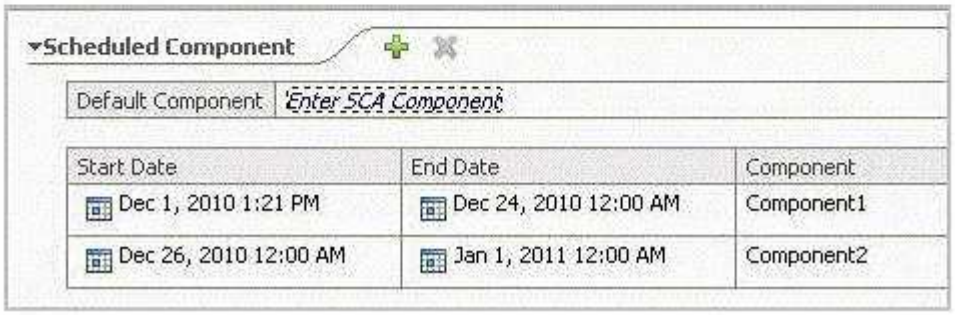
18.Refer to the Exhibit.



accounts.movements has been initialized as a list of strings with these values {"0","0","0","0","0"}. Which of the following statements about this scenario is TRUE?
A. The snippet has a compilation error.
B. The snippet enters into an infinite loop.
C. After the execution of the snippet, accounts.movements has these values {"0","1","2","0","0"}.
D. After the execution of the snippet, accounts.movements has these values {"0","1","2","3","0"}.
Answer: C

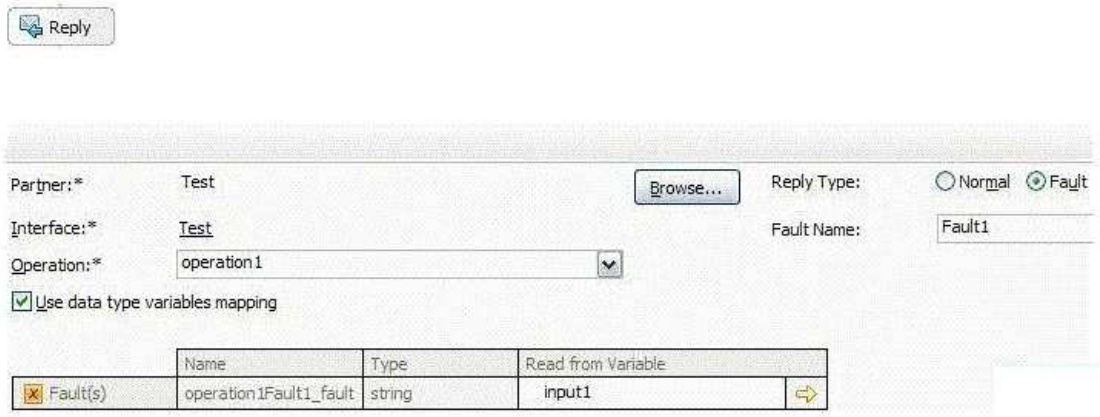
19.Refer to the Exhibits.





Which of the following statements is TRUE regarding this configuration?
A. Component1 and Component2 cannot have different implementation types.
B. Compile errors occur because there is no default component configured.
C. If MySelector is invoked on December 25, 2010, a runtime exception will occur.
D. A runtime exception will be thrown if Component2 is implemented as a business rule.
Answer: C

20.Refer to the Exhibits.



Which of the following statements BEST describes the configuration?

A. The Reply activity must be placed inside a fault handler.

B. Fault1 must be defined inside the interface that the process implements.

C. Once the Reply activity completes, the process will return Fault1 and always end immediately.

D. The Rethrow activity must be used along with the Reply activity in order to return Fault1 to the caller.

Answer: B