

# IBM

## Exam C2180-270

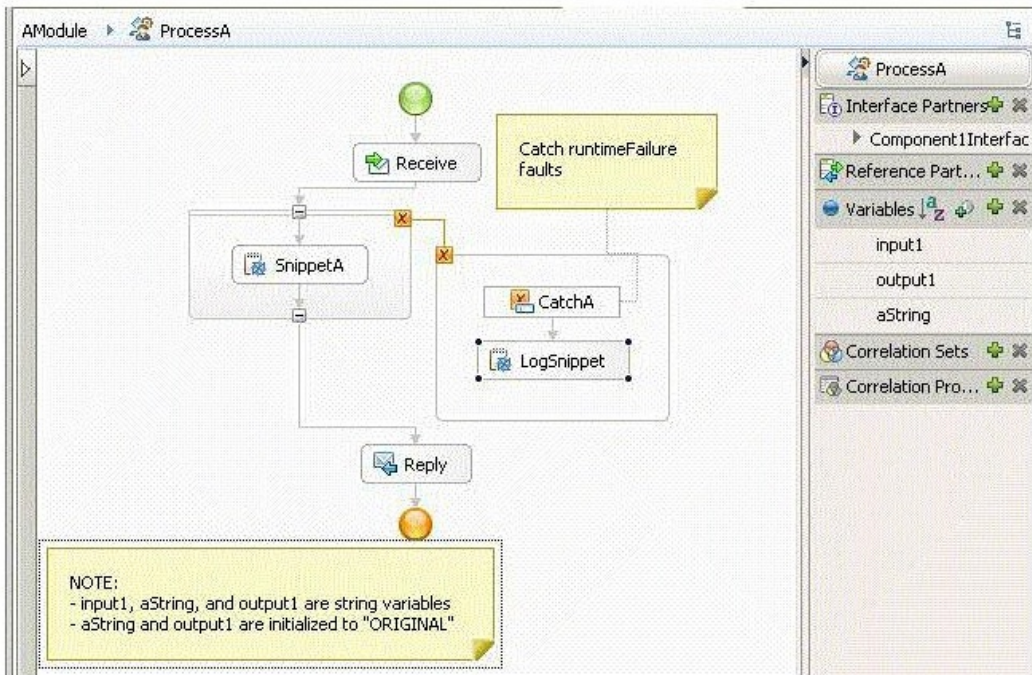
**IBM Business Process Manager Advanced V7.5, Integration  
Development**

Version: 6.0

**[ Total Questions: 56 ]**

Question No : 1

An integration developer is testing the process shown in the following exhibits.



Task Flows Build Activities Properties Problems Server Logs Servers

**Receive - Receive**

Description Partner:\* Component1Interface Browse...

Details Interface:\* Component1Interface

Server Operation:\* operation1

Use data type variables mapping

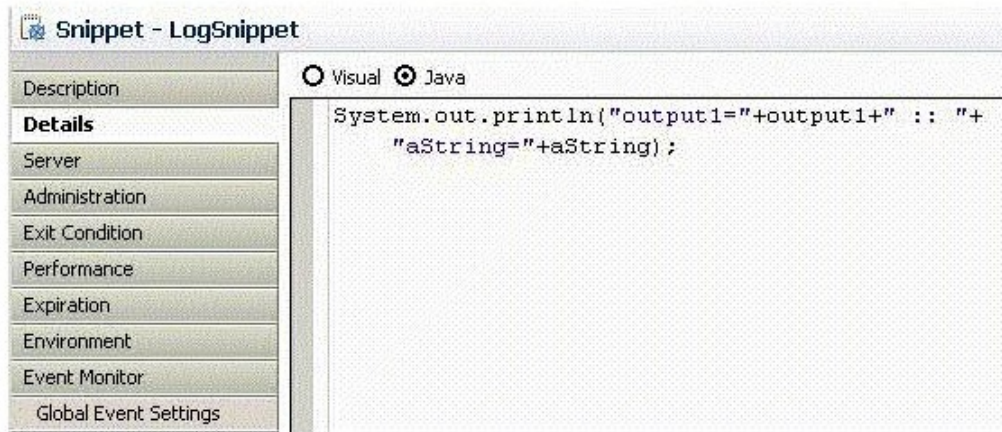
	Name	Type	Store into Variable
Inputs	input1	string	input1

**Snippet - SnippetA**

Description  Visual  Java

```

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



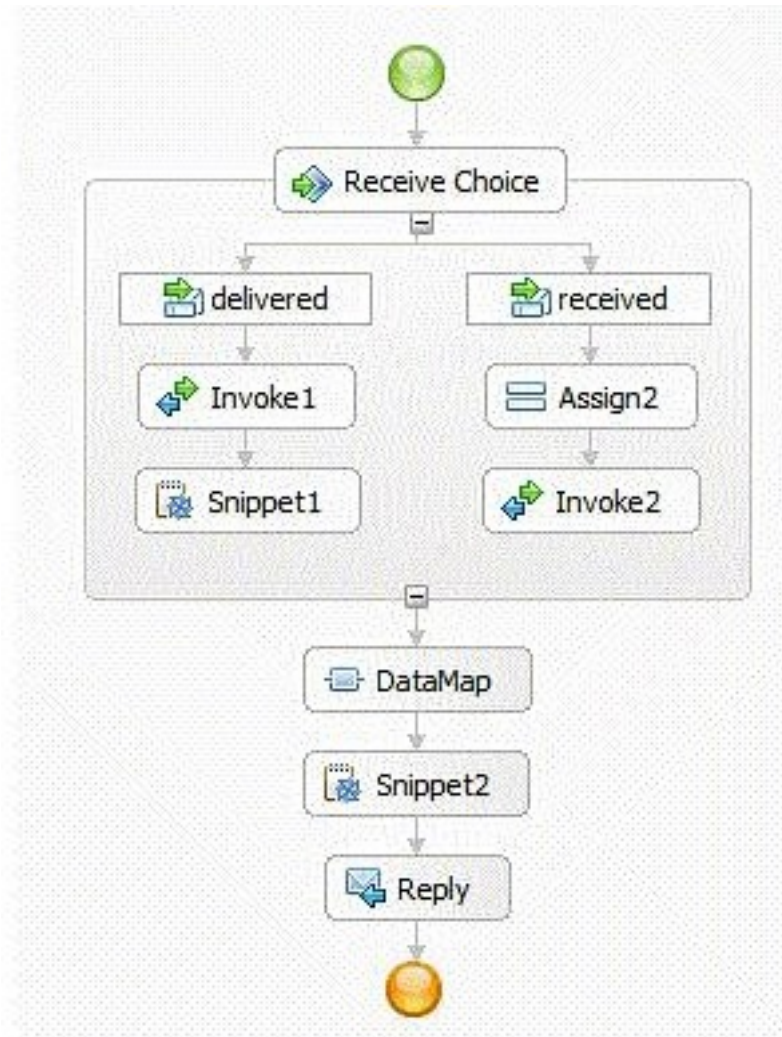
If the integration developer starts an instance of the ProcessA process with an input of "HELLO", which of the following strings will the LogSnippet snippet write to System.out?

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

**Answer: C**

### Question No : 2

An integration developer has developed the following business process, as shown in the exhibit:



The invoke activities Invoke1 and Invoke2 are synchronous invocations and execute in a few seconds. A compensation handler needs to be defined for Snippet2 following a business action from the customer. The customer considers performance to be a key requirement. How would the integration developer implement these requirements? The business process needs to be a:

- A. long-running process because of the required fault handler.
- B. long-running process because of the required compensation handler.
- C. microflow because no human tasks are required.
- D. microflow for best performance as every invoke activity uses synchronous invocation and executes quickly.

**Answer: B**

**Question No : 3**

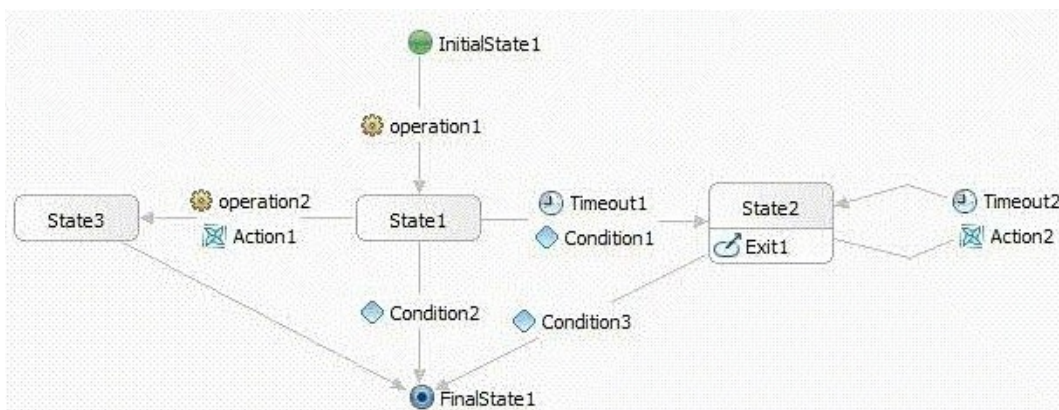
An integration developer needs to check which Common Event Infrastructure (CEI) events have been generated for a business process and review the information contained inside each event. Where will the integration developer find this information?

- A. In the Common Base Event browser application.
- B. In the monitoring widgets in Business Space.
- C. In the administrative console -> Service Integration -> Common Event Infrastructure -> Event Service
- D. In the Business Process Choreographer Explorer -> Views tab -> Process Instances -> Events generated

Answer: A

**Question No : 4**

An integration developer has configured a business state machine, as shown below:



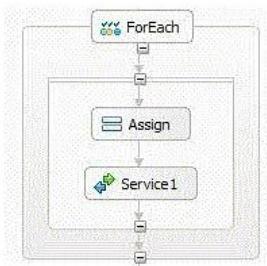
What behavior will the integration developer observe when executing the flow?

- A. If Condition3 is false, then Exit1 will execute after Timeout2 expires.
- B. If Condition1 and Condition2 are both true, then an runtime exception will be thrown.
- C. If Condition1 is false, then Timeout1 will not be evaluated.
- D. If Condition1 and Condition2 are both false, then operation2 will be called by the business state machine.

Answer: A

**Question No : 5**

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



Execution of iterations:  Sequential  Parallel

Index-Variable Name:

**Iteration**

Define the bounds of the range to iterate over by specifying an iteration type.

Type:

**Start Expression:**

Expression Language:

Expression Type:  Visual  Java

```
return min;
```

**End Expression:**

Expression Language:

Expression Type:  Visual  Java

```
return max;
```

**Early Exit Criterion**

Define when to exit the iteration.

Type:   Count successful iterations only

Assume that max is greater than min. What should the integration developer take into account when implementing this for each loop?

- A. There must be an array associated with the for each loop.
- B. It is possible to exit the loop before Index is equal to max.
- C. The values of min and max cannot be changed once the for each activity begins.
- D. If the scope inside of the for each activity is set to isolated, then the activities will run sequentially.

**Answer: D**

### Question No : 6

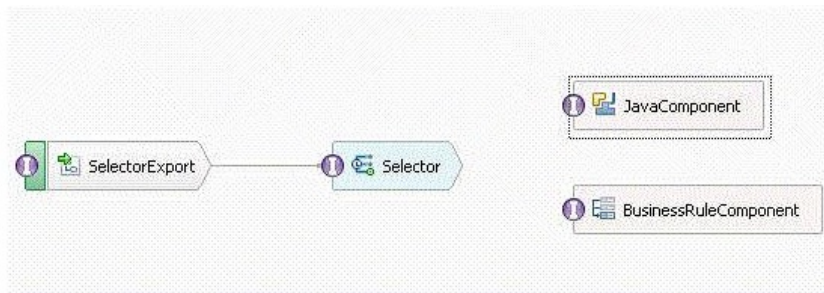
A client requires that a new BPEL process return a fault message to the requester in case the process does not complete correctly. The integration developer has added a fault handler to the process to catch all exceptions. How should the integration developer return the fault message?

- 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**

### Question No : 7

An integration developer needs to rewrite business rule logic written in Java using a business rule component. The integration developer has implemented the selector shown in the exhibits below.



The screenshot shows the configuration of a 'Scheduled Component' in the IBM Integration Designer. The 'Default Component' is set to 'Enter\_SCA\_Component'. The component is scheduled to run in two date ranges: from Jan 1, 2012 12:00 AM to Dec 31, 2012 12:59 PM, and from Jan 1, 2013 12:00 AM to Dec 31, 2013 12:59 PM. The 'Component' column indicates that 'JavaComponent' is used for the first range and 'BusinessRuleComponent' is used for the second range. The 'Selection Criteria' is set to 'Current date'.

Start Date	End Date	Component
Jan 1, 2012 12:00 AM	Dec 31, 2012 12:59 PM	JavaComponent
Jan 1, 2013 12:00 AM	Dec 31, 2013 12:59 PM	BusinessRuleComponent

Selection Criteria: Current date

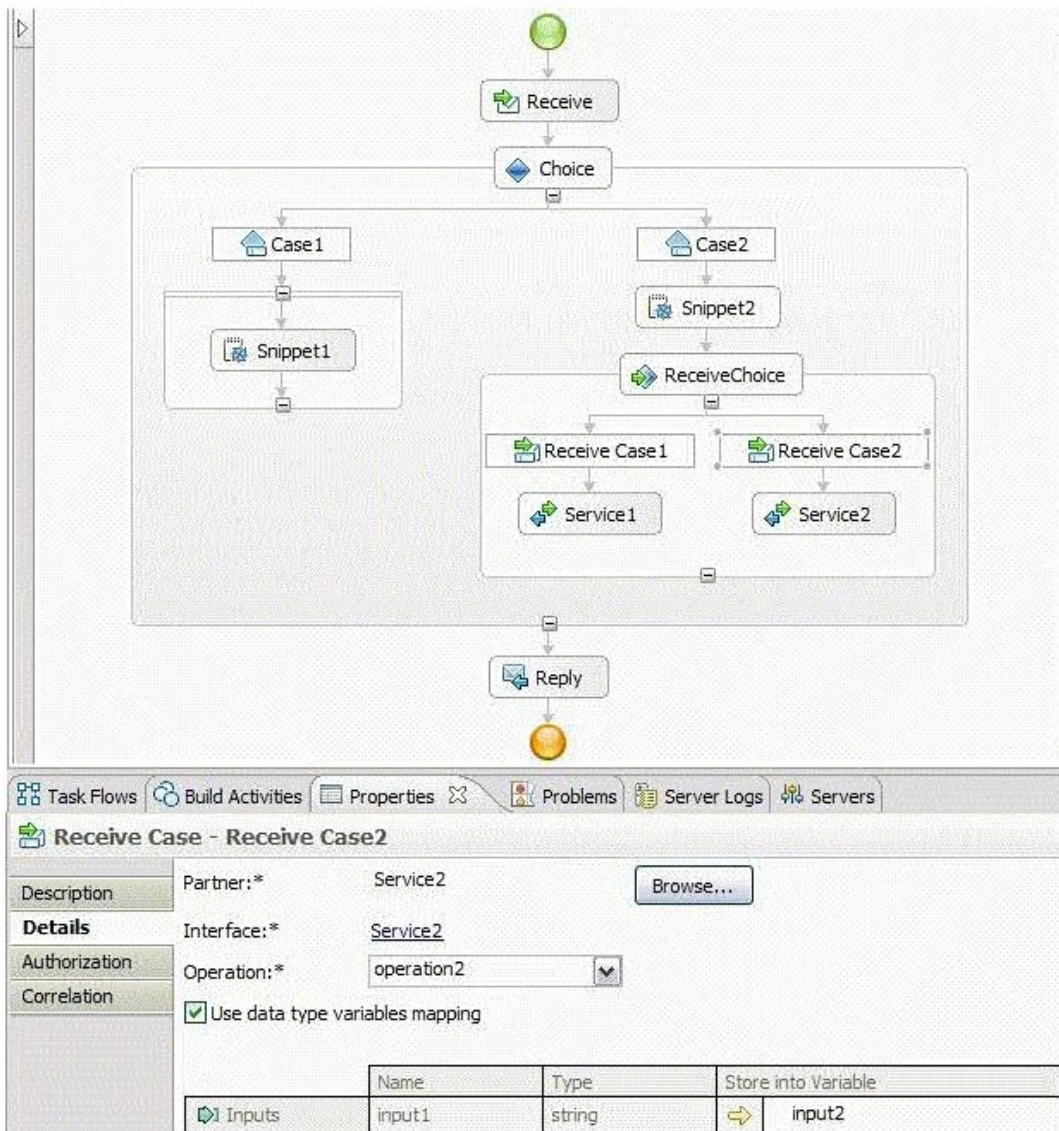
What behavior will the integration developer observe with the configured selector?

- A. The module will fail to compile because there is no wiring between the selector and the destination components.
- B. The module will fail to compile because the destination of the selector can only be rule logic or decision table.
- C. The runtime exception will be thrown because there is no default component configured.
- D. The runtime exception will be thrown if the date when the selector is invoked does not fall in any of the specified date ranges.

Answer: D

**Question No : 8**

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



What should the integration developer consider when implementing this flow?

- A. An Otherwise element must be added to the Choice activity.
- B. A Timeout element must be added to the ReceiveChoice activity.
- C. It is possible for Snippet1 and Snippet2 to run concurrently in the same instance of the process.
- D. If Snippet1 is invoked in an instance of the process, that instance will not receive messages sent to the Service2 interface.