

**Exam Number/Code:**C2180-276

**Exam Name:** IBM Business Process  
Manager Express or  
Standard Edition  
V8.0,BPM Application  
Development

**Version:** Demo

Q1

A BPM application developer is developing assets at a company with the following BPM infrastructure:

A) One Process Center environment

- The BPM application developer has all security privileges required to access this environment

B) Three runtime environments- Test, Staging, and Production

- Each runtime environment is a two node, clustered environment

- They are all configured as "online" environments

- The BPM application developer has all security privileges required to access those environments The BPM application developer has all security privileges required to access those environments The BPM application developer has all security privileges required to access those environments The BPM application developer has been asked to create a Saved Search in each environment using the Process Admin Console. How many times must the BPM application developer open a Process Admin Console to make this change?

A. 1 time, since the Process Center environment's Process Admin console manages all online environments

B. 2 times, once for the Process Center environment and once for the runtime environments

C. 4 times, since each environment has it's own Process Admin console

D. 7 times, since each node in each environment has its own Process Admin console

Answer: C

Q2

A BPM application developer is developing a BPM solution in a process application called 'Auto Loan Review Process' (ALREV). ALREV has an existing dependency on a toolkit called 'Financial Calculation Services' (FCSERV). The developer is asked to update an integration service in FCSERV and use that new service in ALREV.

What steps must the developer take to ensure that ALREV will utilize the new service created in FCSERV?

A. 1. Update the integration service in FCSERV

2. Take a snapshot of FCSERV

3. Update the dependency of ALREV from the FCSERV toolkit

B. 1. Update the integration service in FCSERV

2. Take a snapshot of FCSERV
  3. Update dependency on FCSERV from the ALREV process application
- C.
1. Create a new integration service in ALREV
  2. Move the new integration service from ALREV to FCSERV
  3. Take a snapshot of FCSERV
- D.
1. Take a snapshot of FCSERV
  2. Update the integration service in FCSERV
  3. Update dependency on FCSERV in the ALREV process application

Answer: B

Q3

A BPM application developer has completed the development of a process application. The team lead has now directed the application developer to install the snapshot onto a staging server for additional testing before it is moved into production. Assuming the default Process Server settings are in place, what minimum level of access must the developer have in order to install the snapshot onto the staging server? The application developer must have, at a minimum:

- A. write access to the process application with no additional group membership.
- B. write access to the process application and must be a member of the process-center-install- group as defined in the 100Custom.xml file.
- C. administrative access to the process application with no additional group membership.
- D. administrative access to the process application and must be a member of the process-center- install-group as defined in the 100Custom.xml file.

Answer: A

Q4

A BPM application developer has completed the development of a high profile process application and is now ready to deploy the solution into the test environment. The application developer has been told to allow one peer developer and the technical team lead to review and approve the work before it can be installed onto the test server. The application developer's manager has requested that the process of gathering these approvals be automated for auditing purposes. What steps must the BPM application developer take in order to fulfill this requirement? The BPM application developer must:

- A. enable governance on the high profile process and use wsadmin to install the process.
- B. create a business process definition, inside of the high profile process application, to implement the approvals governance process.

- C. ask a user with the administrative authority to create a System Governance toolkit dependency to create a process application that will be used for governance.
- D. ensure that there is a task in the governance process that will allow a designated person to install the process, using Process Center, after all approvals have been received.

Answer: C

Q5

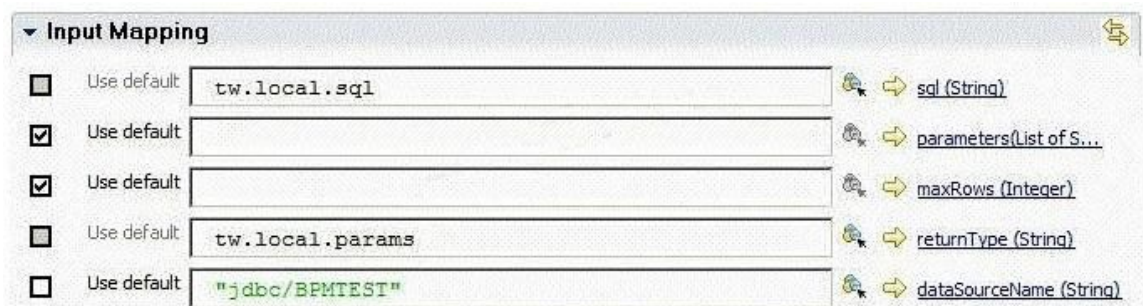
After deploying a snapshot onto the production server, the BPM application developer wants to have two development versions of the process application, one for the resolution of issues that needs to get fixed immediately in production and one for the development of new features. How can the BPM application developer obtain the necessary development versions without creating a new process application?

- A. Create a new snapshot for the process application.
- B. Create a clone of the snapshot installed in production.
- C. Create a new track from the snapshot installed in production.
- D. Import the snapshot installed in production into the Process Center.

Answer: C

Q6

A BPM application developer has built an integration service that executes SQL calls. Within this service, the BPM application developer makes use of the "SQL Execute Statement" service found within the TWSYS toolkit. Review the snapshot of the data mapping for this service. The BPM application developer wants to manage the "dataSourceName" value at runtime, instead of hardcoding the value "jdbc/BPMTEST".



Which features of IBM Business Process Manager V8.0 will allow the BPM application developer to do this? (Choose two)

- A. environment variables
- B. auto tracked variables
- C. localization resources
- D. shared process variables
- E. exposed process variables

Answer: A,E

Q7

A process owner of an insurance company requests to receive an email if the amount of a loan is higher than \$50,000. After creating the custom Key Performance Indicator (KPI) Amount (currency) and associating it to the activity, how should the BPM application developer configure the Assignment Setting to set the value of the KPI to the amount of the loan object? Uncheck "use KPI defaults", and apply the following settings.

- A. Assignment Type: Select Absolute Value  
Value: tw.local.loan.amount
- B. Assignment Type: Select Absolute Value  
Value: tw.perf.value = tw.local.loan.amount
- C. Assignment Type: Select custom JavaScript  
Value: tw.perf.value = tw.local.loan.amount
- D. Assignment Type: Select custom JavaScript  
Value: tw.local.loan.amount

Answer: D

Q8

The business owner of a purchasing process has requested a report that displays the total time of three activities. What should the BPM application developer use to send the data to the Performance Data Warehouse to create this report?

- A. A Timing Interval
- B. A Service Level Agreement
- C. Exposed Process Variables
- D. Shared Business Objects

Answer: A

Q9

A BPM application developer needs to create custom SQL queries targeting the Business Performance Data Warehouse to satisfy a customer's reporting requirements. While browsing the system catalog of the database management system, the developer notices tables and views corresponding to the tracking groups defined in the process application. Which database artifacts should the developer query to obtain only the actively tracked data? The BPM application developer should query the:

- A. views, because the views contains more recent data than the tables.
- B. views, because the views contain only the data resulting from the updated tracking definitions.
- C. tables, because the tables contains more recent data than the views.
- D. tables, because the tables contain only the data resulting from the updated tracking definitions.

Answer: B

Q10

A sales company wants to be able to report on the total amount of sales per region. How can a BPM application developer capture this information so that the data can be reported on? (Choose two) The BPM application developer needs to use:

- A. Autotracking
- B. Shared Business Object
- C. Exposed Process Value (EPV)
- D. Service Level Agreement (SLA)
- E. Custom Key Performance Indicator (KPI)

Answer: A,E

Q11

A BPM application developer has created three process applications containing multiple business processes to automate a customer's order fulfillment activities. During development, a single tracking group was used in the three process applications to support a reporting solution that will track data across all three process applications. How will the BPM application developer retrieve data from the Performance Data Warehouse while completing the implementation of the reporting solution? The data will be retrieved from:

- A. a single database view, with an ID to distinguish each implementation.
- B. a single database view, with a single ID to identify the collection of implementations.
- C. three database views, with an ID to distinguish each implementation.

D. three database views, with a single ID to identify the collection of implementations.

Answer: A

Q12

A company has requested that a manager must be notified when the Claim Request activity for their call center process application takes longer than 20% of the expected threshold 3 times in one day. Review the assignment settings for the activities Total Time (Clock) KPI.

The screenshot shows two sections: 'Assignment Settings' and 'Threshold Settings'. In 'Assignment Settings', 'Use KPI defaults' is checked and 'Assignment Type' is set to 'Automatic'. In 'Threshold Settings', 'Use KPI defaults' is unchecked. The 'Expected' threshold is set to 0 Days, 0 Hours, 5 Minutes, and 0 Seconds. The 'Maximum' threshold is set to 0 Days, 0 Hours, 10 Minutes, and 0 Seconds.

Setting	Days	Hours	Minutes	Seconds
Use KPI defaults:	<input checked="" type="checkbox"/>			
Assignment Type:	Automatic			
Use KPI defaults:	<input type="checkbox"/>			
Minimum:	0	0	0	0
Expected:	0	0	5	0
Maximum:	0	0	10	0

What are the correct configurations for the activity's Total Time (Clock) KPI and associated SLA?

- C A. No changes in Total Time (Clock) KPI and configure the following SLA.

**▼ Details**  
Target type: Activity

**▼ Trigger**  
Trigger: Violated N times over period  
Count N: 3 times  
Over period: Today

**▼ Condition**  
Scope: Single value  
KPI: Total Time (Clock)  
Activities: Claim Request (Process SLA)  
Condition: Greater than  
Compared with: 20% above  
Kind of threshold: Expected threshold value

**▼ Consequence**  
 Send email to processmanager@company.com  
 Initiate the process <select process>

- C B. No changes in Total Time (Clock) KPI and configure the following SLA.

**▼ Details**  
Target type: Activity

**▼ Trigger**  
Trigger: Violated % of the time over period  
Percentage: 20 % of the time  
Over period: Today

**▼ Condition**  
Scope: Single value  
KPI: Total Time (Calendar)  
Activities: Claim Request (Process SLA)  
Condition: Greater than  
Compared with: Threshold  
Kind of threshold: Expected threshold value

**▼ Consequence**  
 Send email to processmanager@company.com  
 Initiate the process <select process>



- C. Set the value of Total Time (Clock) KPI expected threshold to "6" (increase 20%) and configure the following SLA.

<b>▼ Details</b>	
Target type:	Activity
<b>▼ Trigger</b>	
Trigger:	Violated N times over period
Count N:	3 times
Over period:	Today
<b>▼ Condition</b>	
Scope:	Single value
KPI:	Total Time (Clock)
Activities:	Claim Request (Process SLA)
Condition:	Greater than
Compared with:	Threshold
Kind of threshold:	Expected threshold value
<b>▼ Consequence</b>	
<input checked="" type="checkbox"/>	Send email to processmanager@company.com
<input type="checkbox"/>	Initiate the process <select process>

- D. Set the value of Total Time (Clock) KPI Maximum Threshold to "18" the sum of 3 times of the Expected threshold and configure the following SLA.

<b>▼ Details</b>	
Target type:	Activity
<b>▼ Trigger</b>	
Trigger:	Whenever the condition is violated
<b>▼ Condition</b>	
Scope:	Sum of values over time
KPI:	Total Time (Calendar)
Activities:	Claim Request (Process SLA)
Start time:	Today
Condition:	Greater than
Compared with:	Threshold
Kind of threshold:	Maximum threshold value
<b>▼ Consequence</b>	
<input checked="" type="checkbox"/>	Send email to processmanager@company.com
<input type="checkbox"/>	Initiate the process <select process>

- A. Exhibit A
- B. Exhibit B
- C. Exhibit C
- D. Exhibit D

Answer: A