IBM

Exam C9550-606

IBM WebSphere Business Modeler Advanced Edition V7.0, Business Analysis and Design

Version: 6.0

[Total Questions: 110]

Topic break down

Topic	No. of Questions
Topic 1: Volume A	55
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Topic 1, Volume A

Question No : 1 - (Topic 1)

A loan business process has an activity that has a role and a resource assigned. The role cost is $100 and the resource cost is $200. When the process is simulated what is the activity total cost?

A. The role cost ($100).
B. The resource cost ($200).
C. The sum of role and resource cost ($300).
D. The role cost multiplied by the activity duration.

Answer: B

Question No : 2 - (Topic 1)

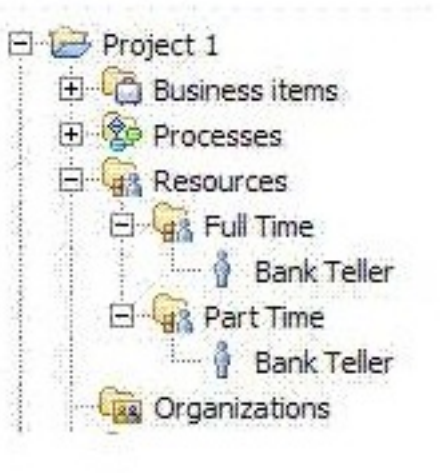
A process simula-tion completed with the message "simula-tion finished but not all tasks were completed successfully." Process case summary showed that all cases completed successfully. When simulating with half the number of tokens, the simula-tion completed successfully. What should be done to complete simula-tion on all the tokens?

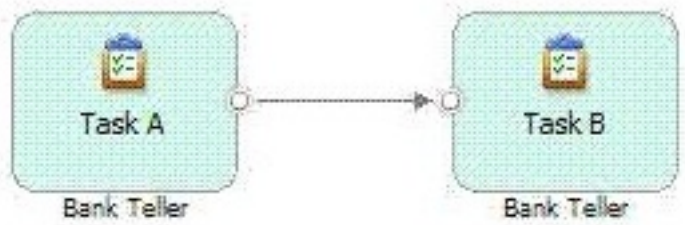
A. Change the token "Time trigger" to an earlier time and date.
B. Change the setting "Process availability ends" to a later date.
C. Increase the number of days for "Maximum simula-tion duration".
D. Increase the number of days for "Delay for steady state simula-tion".

Answer: B

Question No : 3 - (Topic 1)

Refer to the Exhibits.





In the project tree, there are two Bank Tellers defined under resources. In the process diagram, a process analyst needs to differentiate between full time and part time bank tellers in Task A and Task B. Which of the following preferences should be used?

A. Display full path names in labels.
B. Display labels on diagram.
C. Include label headings on the diagram.
D. Specify a custom image for the task.

Answer: A

Question No : 4 - (Topic 1)

A process analyst has performed simu-lation upon a business process and is analyzing resource allocation within the process. The average elapsed duration for the process is 2 hours, 57 minutes. After running the Process Resource Dynamic Analysis Report, it is observed that the Field Tech Resource has an average Quantity Allocated value of .6 units. The Process Resource Allocation Dynamic Analysis Report is also generated against the simu-lation results, and it is determined that there is an Average Shortage Duration of 37 minutes, 30 seconds for the resource. The process analyst also observes that the Field

Tech Resource has been defined to the process as a bulk resource with an availability value of 3. Based on this information, what conclusions can the process analyst draw?

A. There is at least one case in the business process that does not allocate the Field Tech Resource. The pool of available Field Tech Resources can be reduced to 1 to eliminate resources that are never allocated to the process. This will not affect the Average Shortage Duration value.
B. There are too many Field Tech Resources available to the process, as the sum of all Field Tech Resource allocations to activities in the process divided by the total number of process instances is less than one. This indicates that some Field Tech Resources are never allocated the business process.
C. There is at least one case in the business process that does not allocate the Field Tech Resource, however there are also multiple concurrent process instances that are allocating the resource concurrently and are competing for the resource. The pool of available Field Tech Resources can be increased to reduce the Average Shortage Duration and the Average Quantity Allocated would increase to a value close to 1.0 units.
D. There is at least one case in the business process that does not allocate the Field Tech Resource, however there are also multiple concurrent process instances that are allocating the resource concurrently and are competing for the resource. The pool of available Field Tech Resources can be increased to reduce the Average Shortage Duration and the Average Quantity Allocated would remain the same in subsequent simula-tions.

Answer: D

Question No : 5 - (Topic 1)

Which of the following describes a purpose and outcome of process modeling?

A. simula-tion models can be used to visually analyze the real-time flow of a business process.
B. Analysis models are built at a level of detail that includes data needed to evaluate the process in light of the business problem to be solved.
C. Documentation models are built at one level of detail that include business performance measurement and are intended to provide simula-tion details.
D. Definition models are built at varying levels of detail that include organizational units and business items that are intended for use in improvement opportunity identification.

Answer: B

Question No : 6 - (Topic 1)

Which steps would a process analyst take when conducting a simu-lation of "what-if" scenarios for a business process instance?

A. Make a copy of the simula-tion snapshot, rename it, change the attributes for the "what-if" scenario and re-run the simula-tion and analyze the results
B. Make a copy of the simula-tion profile, rename it, change the simula-tion attributes for the "what-if" scenario and re-run the simula-tion and analyze the results.
C. Right click on the simula-tion profile, select Profile Analysis > New Profile and change the attributes for the "what-if" scenario and then re-run the simula-tion and analyze results
D. Right click on the simula-tion snapshot, select Profile Analysis > Profile Specification, and change the attributes for the "what-if" scenario and then re-run the simula-tion and analyze results.

Answer: B

Question No : 7 - (Topic 1)

A process analyst needs to model a selection process where a group of qualified customers will be identified by a set of criteria. These criteria use sensitive and confidential data. The selected customers and their data will be stored in a file, and the file will only be used in this process. Which of the following element should the process analyst use to represent this file?

A. Global repository
B. Local repository
C. Business services
D. Business service object

Answer: B

Question No : 8 - (Topic 1)

When reviewing the simu-lations results, the process analyst discovered that for each task in the process that has multiple output criteria, the simula-tion engine would make a random selection of an output path, and generate outgoing tokens for each output defined in the output criterion. Which of the following settings was used during the simula-tion?

A. Randomly to a single path.
B. Based on an expression.

C. Based on probabilities to a single path.
D. Based on probabilities to multiple paths.

Answer: C

Question No : 9 - (Topic 1)

A company is modeling enterprise level processes. Some of these processes will reuse existing processes and services that are currently available within the organization. Identify the statement that BEST captures how business analysts would model these new processes.

A. Use local processes and services to model reusable processes and services.
B. Use local processes and business services to model reusable processes and services.
C. Use global processes and business objects to model reusable processes and services.
D. Use global processes and business services to model reusable processes and services.

Answer: D

Question No : 10 - (Topic 1)

Which of the following activities are performed by the process analyst to support Interactive Process Design?

A. Model the business processes.
B. Import service implementations.
C. Create and develop business services.
D. Configure the development environment.
E. Deploy the business process to production.

Answer: A,B

Question No : 11 - (Topic 1)

A business office has 10 printers of the same make and model. Each printer is identified by its serial number. The process analyst needs to conduct a utilization analysis of each individual printer. What is the MOST efficient way to model these printers to support this analysis?

A. Create a role. Add the serial number attribute.
B. Create an individual resource for each of the 10 computers using serial number as the resource name.
C. Create an individual resource definition. Add the serial number attribute. Create 10 individual resources and associate them with the
individual resource definition.
D. Create a bulk resource definition. Add the serial number attribute. Create a new bulk resource and associate it with the bulk resource
definition. Set the quantity to 10.

Answer: B

Question No : 12 - (Topic 1)

A team of twelve process analysts is assembled and charged with modeling an insurance claims process that varies based on geographic location. There are six processing locations, the work must be done locally and completed in three weeks. What is the recommended approach to meeting these project requirements?

A. Use a single modeling project and send the entire team to each location to model and validate the process.
B. Use a single modeling project with process catalogs for each location and send teams of two process analysts to each location to model and validate the process.
C. Use a single modeling project and send a team of six process analysts to each location to model the process followed by a team of six process analysts to validate the process.
D. Use a modeling project for each location and send the entire team to each location to model and validate the process.

Answer: B

Question No : 13 - (Topic 1)

A process analyst needs to analyze each instance of the application approval process to determine which applications are from a specific location. Which is the MOST effective way to analyze this information?

A. Define a custom Key Performance Indicator (KPI).
B. Define a custom expression that evaluates process instances over time.
C. Use a predefined business measure template based on a business item attribute.
D. Use an aggregated process measure that evaluates the location based on the business

item attribute.

Answer: C

Question No : 14 - (Topic 1)

To provide traceability between business requirements and business processes, WebSphere Business Modeler can be integrated with what tool in order to associate and synchronize modeling elements with requirements?

A. Business Process Management (BPM) Blueprint
B. Rational Requirements Composer
C. Rational RequisitePro
D. WebSphere Business Compass

Answer: C

Question No : 15 - (Topic 1)

A process analyst has completed a process model and is required to validate it. One of the validations is to ensure that there are no potential situations where a sequence of activities can be repeated indefinitely. Using Static Analysis, how can the process analyst quickly validate that there are no sequence of tasks that can potentially loop endlessly?

A. 1. Run the Path Cycles Report.
2. Identify the cycle name assigned to each path cycle in the process and correlate that back to the process model.
B. 1. Run the Activity Throughput Report.
2. Identify the throughput of all activities that deliver more outputs per hour than anticipated.
C. 1. Run the Activities Unable to Start Report.
2. Identify any activities that were not able to be invoked within the process, locate the preceding construct that connects a downstream activity's output to an upstream activity's input.
D. 1. Run the Paths Unable to be Followed Report.
2. Identify any paths that were not able to be invoked within the process, and locate the preceding construct that connects a downstream activity's output to an upstream activity's input.

Answer: A

Question No : 16 - (Topic 1)

A process analyst is performing "What-If" analysis upon a process model using simu lation. Work can arrive into the process at anytime. It has been observed that the 5 defined Field Technician resources have significant resource shortage durations. The process analyst assumes that making more Field Technician resources available to the process would decrease the shortage duration. Based on this assumption, the analyst increases the available resources to 10. Subsequent simu lations do not show significant reduction in the resource shortage durations. What steps should the process analyst take to resolve the resource shortage duration and make updates for further process improvement?

A. Increase the available resources for the Field Technician from 10 to 20 to reduce the resource shortage duration.
B. Reallocate the defined Field Technicians to additional second shift and weekend shift availability to remove resource shortage duration due to unavailability overnight and during weekends.
C. Increase the time interval within the simula-tion snapshot settings to spread out the arrival of tokens, allowing more time for the Field Technician to complete work before new work arrives, thereby reducing resource shortage durations.
D. Decrease the Resource Time Required for activities assigned to the field Technicians, allowing them to spend less time on tasks and be able to address more activities in a given interval, thereby reducing resource shortage durations.

Answer: B

Question No : 17 - (Topic 1)

A process analyst needs to measure the specific loan amount per credit request. Which of the following will be use to represent this measure?

A. Instance metric
B. Key Performance Indicator
C. Aggregate metric with sum function
D. Aggregate metric with average function

Answer: A