



Free Questions for *ASD01* by *vceexamstest*

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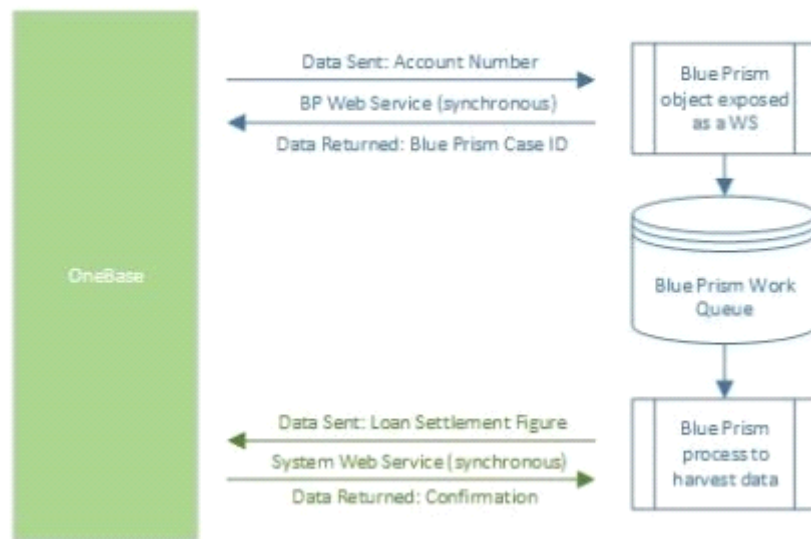
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Question 1

Question Type: MultipleChoice

SanQuest Bank's call centre regularly receives requests from customers for the exact amount required to clear their loan. This is a complicated calculation that is prone to human error. The bank has decided to use Blue Prism to perform the calculation and is considering amending its front end system OneBase to allow a user to click a button to request a Loan Consolidation Amount. They plan to communicate with Blue Prism using web services. Consider the two proposed designs:

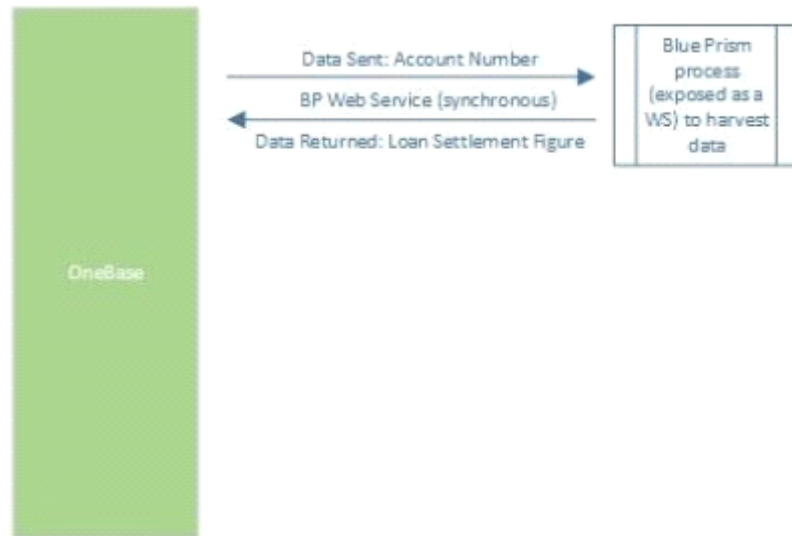
Design A



Here a Blue Prism object is exposed as a web service. OneBase calls this service providing the account number. The Blue Prism object adds the case to a work queue and then returns the Case ID to complete the web service call.

A Blue Prism process works the queue and harvests the data required to perform the calculation. The same Blue Prism process calls a OneBase web service and provides the loan settlement figure. OneBase completes the web service call by returning a success flag.

Design B



Here the Blue Process that harvests the data is exposed a web service with the loan settlement figure as an output. OneBase calls the web service and provides the account number. The Blue Prism process harvests the data and completes the web service call by providing the loan settlement figure.

Considering Blue Prism best practice which of the following statements is correct?

Options:

- A- Design A is the most appropriate option
- B- Design B is the most appropriate option
- C- Neither Design A nor Design B is appropriate
- D- Both Design A and Design B are appropriate

Answer:

D

Question 2

Question Type: MultipleChoice

A process is required for a telecoms company to work cases supplied via a daily Excel file. Although the file will only contain around 1000 rows, the average case time is such that the workload is far too big for one machine to complete in a day, so the solution has been designed with multiple machines in mind. One machine will load the work queue while the others wait, then once the queue is ready all machines will work it together. The requirements state that the input file is machine generated, has a known format, is generally clean but may contain exceptions - rows with an empty cell, partial phone numbers, or accounts that don't exist. What should the solution do to combat this problem?

Options:

- A-** The solution should read the file and load the queue without validating the data. The data validation should be the first step in working a queue item, with invalid cases marked as exceptions.
- B-** The solution should open the file and delete any row with either missing, incomplete or invalid data. Then the 'clean' file should be read and the resulting collection added to the queue.
- C-** The solution should read the file and then loop through the resulting collection and discard any row with either missing, incomplete or invalid data. Then the 'clean' collection should then be loaded into the queue.
- D-** The solution should validate the data and check that the accounts exist in the target applications beforehand, so that only clean cases are loaded into the queue.
- E-** The solution should apply a filter to the Excel file to hide any row with empty cells and only load the complete rows.

Answer:

C

Question 3

Question Type: MultipleChoice

Imagine a DR scenario where the main Production database goes down one afternoon. All processes use work queues and all new work is loaded first thing each morning. The database is backed up regularly but not in real time, so the restored back up will be slightly out of date, say by 1 hour. If the backup was restored, and processes were restarted what would be the effect? (select 2 responses)

Options:

- A- The processes would resume with the queue item being worked at the time of the incident
- B- The processes would resume with the next available queue item
- C- The queue item being worked at the time of the incident would be automatically marked as an exception.
- D- The queue item being worked at the time of the incident would need to be manually marked as an exception.
- E- The work queue would automatically ensure no cases is duplicated.

Answer:

B, C

Question 4

Question Type: MultipleChoice

If a solution is to make use of a queue with Maximum Attempts greater than 1. what should the designer put in place? (select 2 responses)

Options:

- A-** A decision whether or not to use an available retry item after marking an item complete.
- B-** A decision whether or not to use an available retry item after marking an item as an exception.
- C-** A decision whether or not to use an available retry item before marking an item complete
- D-** A decision whether or not to use an available retry item before marking an item as an exception
- E-** Logic to ensure that the next attempt to work a case is executed on a different machine from the previous attempt.
- F-** Logic to ensure that the next attempt to work a case is executed on the same machine as the previous attempt.
- G-** Logic to identify the progress made by previous attempts to work a case.

Answer:

B, F

Question 5

Question Type: MultipleChoice

Imagine you are designing the application integration logic for a solution. One of the applications involved is one you have not automated before but it is widely used and the project is the first in a series for this client. Which of the following are valid considerations when designing business objects? (select 2 responses)

Options:

- A- It's best that objects are designed to be reusable and are not made bespoke for one process.
- B- The first Production process to automate an application should not share its integration logic with any other because there will invariably be teething problems during an initial implementation.
- C- When an application is automated for the first time a single business object should be used to isolate the first process from any that follow.
- D- Any new application should be assessed to find the appropriate integration technique and identify any potential technical issues.
- E- It's best that each process uses its own business objects to keep it separate from any other.

Answer:

A, D

Question 6

Question Type: MultipleChoice

Consider the following steps for a theoretical manual process

- * Check in input folder for any new files.
- * If there are no files check again later as files can arrive anytime, and there is no limit to the number of files that may come.

- * Open the next available file.
- * Take the first case
- * Start System X and find the case details.
- * If the case can't be found., move to the next one.
- * After finding the case in System X. fetch additional case details from System Y.
- * Again if the case can't be found, move to the next one.
- * Analyse all the data to see if System Z should be updated
- * If the data does not meet the requirements, add notes indicating this to Systems X and Y and move to the next case
- * If the data does meet the requirements, update the case in System Z
- * Add notes to Systems X and Y and move to the next case.
- * At the end of the file, go back and look for another
- * Stop checking for new files at 16:00 and finish any remaining cases.
- * When all work is complete create a report of the day's exception cases.
- * Close down Systems X, Y and Z.

If it is imperative that notes are applied to System X and Y, regardless of whether System 2 is updated or not, what could the process do? (select 2 responses)

Options:

- A- Add all notes before attempting to update System 2
- B- Create an unhappy path where notes are added as part of exception handling.
- C- Add notes before rejecting a case as a Business Exception.
- D- Create new cases for any cases not found in Systems X and Y so that notes can be added.

Answer:

B, C

Question 7

Question Type: MultipleChoice

Consider the following steps for a theoretical manual process

- * Check in input folder for any new files.
- * If there are no files check again later as files can arrive anytime, and there is no limit to the number of files that may come.
- * Open the next available file.

- * Take the first case
- * Start System X and find the case details.
- * If the case can't be found., move to the next one.
- * After finding the case in System X. fetch additional case details from System Y.
- * Again if the case can't be found, move to the next one.
- * Analyse all the data to see if System Z should be updated
- * If the data does not meet the requirements, add notes indicating this to Systems X and Y and move to the next case
- * If the data does meet the requirements, update the case in System Z
- * Add notes to Systems X and Y and move to the next case.
- * At the end of the file, go back and look for another
- * Stop checking for new files at 16:00 and finish any remaining cases.
- * When all work is complete create a report of the day's exception cases.
- * Close down Systems X, Y and Z.

If it is possible that there are long intervals between files arriving, what are the alternatives the process should take to control System X, System Y and System Z? (select 2 responses)

Options:

- A- Nothing because they will not have been started if no files have arrived yet.
- B- Nothing, just leave them logged in until more work arrives
- C- Minimise them to keep the desktop clear.
- D- Close Y and Z down but keep X open because it is the first application needed to work a case.
- E- Log out while waiting and log back in when a file arrives.
- F- Stop them from timing out by keeping them active while waiting for files.

Answer:

D, E

Question 8

Question Type: MultipleChoice

Consider the following steps for a theoretical manual process

- * Check in input folder for any new files.
- * If there are no files check again later as files can arrive anytime, and there is no limit to the number of files that may come.

- * Open the next available file.
- * Take the first case
- * Start System X and find the case details.
- * If the case can't be found, move to the next one.
- * After finding the case in System X. fetch additional case details from System Y.
- * Again if the case can't be found, move to the next one
- * Analyse all the data to see if System Z should be updated.
- * If the data does not meet the requirements, add notes indicating this to Systems X and Y and move to the next case
- * If the data does meet the requirements, update the case in System Z
- * Add notes to Systems X and Y and move to the next case.
- * At the end of the file, go back and look for another
- * Stop checking for new files at 16:00 and finish any remaining cases.
- * When all work is complete create a report of the day's exception cases.
- * Close down Systems X, Y and Z.

If the volume of incoming cases is such that 1 Resource PC can easily handle the workload, which of the following steps for an automated solution should be part of the 'Preparation' phase of an automated process?

Options:

- A- Check input folder, wait for files
- B- Check input folder, wait for files, read file and load queue
- C- Log into applications
- D- Check input folder, wait for files, read file and load queue, log into applications.

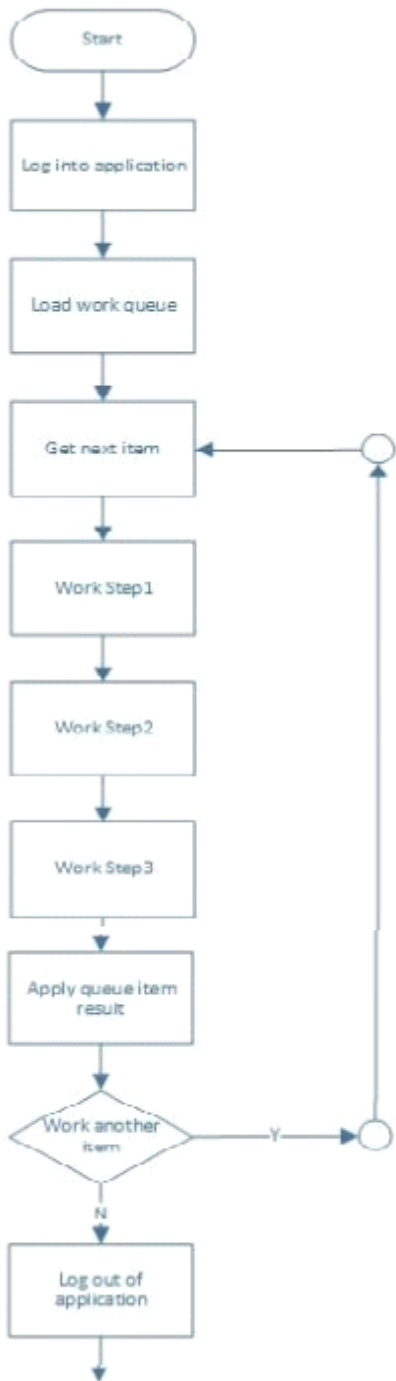
Answer:

D

Question 9

Question Type: MultipleChoice

Consider the following high-level design:



The application concerned is prone to being sluggish or even unresponsive at times. As the solution designer you should anticipate that there will be system exceptions and that after an exception case the application might not be in an Ndea1 state. What should you do? (select 3 responses).

Options:

- A- Add clean up' logic to get the application in the right position after Apply Queue Item Result.
- B- Kill the application after each case and log back in to ensure the next case starts in the right position.
- C- Instruct the developers to build objects capable of navigating the application back to the home position.
- D- Restart the application if attempts to navigate back to the home position fail
- E- Move Log into Application to be before Work Step1 and move Log Out of Application to be after Step3.
- F- Add 'clean up' logic to get the application in the right position before Work Step1.
- G- Add clean up' logic to get the application in the right position after Work Step3.

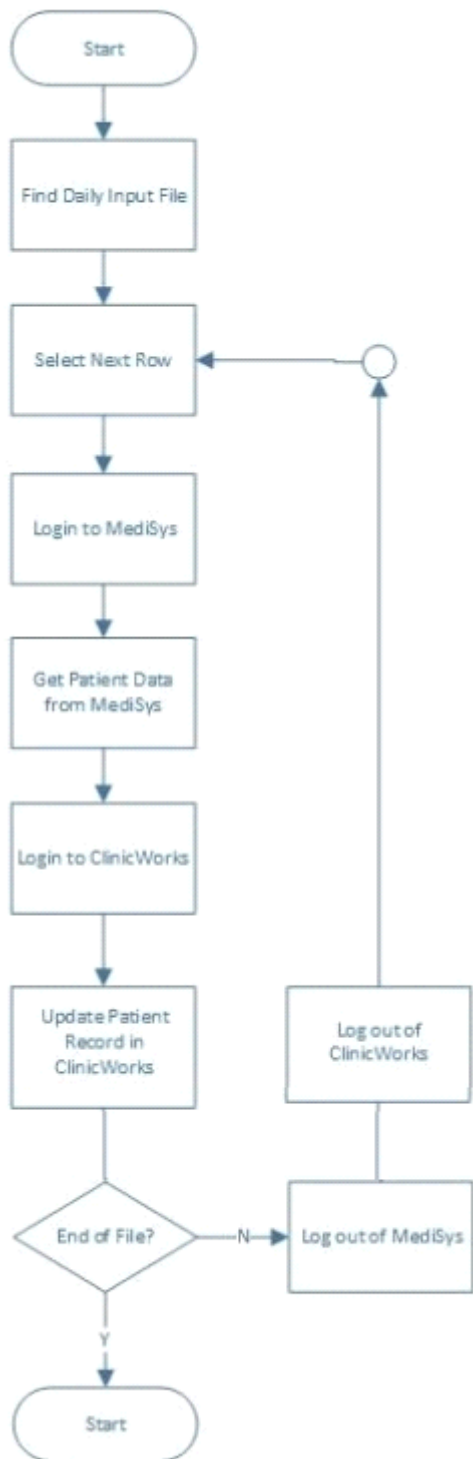
Answer:

A, C, D

Question 10

Question Type: MultipleChoice

Consider the following high-level design. The solution is intended to read medical data from one application in order to update another. An input file is prepared by an overnight batch run for the solution to work through each morning before patients arrive. Usually the input file is fairly small but at certain times each month the file is much larger.



Which of these options should be considered by the process solution designer to guarantee the quality of the end-to-end solution?
(select 4 responses)

Options:

- A-** Once in production the process controller should ensure that the process is only ever run on one Resource PC
- B-** The solution should log in to the applications before starting the case working loop
- C-** The solution should split the file into pieces to distribute to each Resource PC.
- D-** The solution should log out from applications after exiting working loop.
- E-** Each Resource PC should be set to take a different row from the others, e, g. RPC-A works rows t, 4, 7, 10 etc., RPC-B works 2, 5, 8 etc and RPC-C works 3, b, 9 etc.
- F-** The solution should start by loading the file data into a work queue.
- G-** The file should be updated at the start of each case to prevent other RPCs from working it.
- H-** Once in production the clinic should wait until the solution has completed before admitting patients
- I-** The batch run should create multiple input files so that each Resource PC has its own file to work with
- J-** The file should be updated after each case to indicate that the case has been worked.
- K-** The solution should use an environment lock to ensure the file can only be accessed by one Resource PC at a time.

Answer:

B, F, G, K

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