Designing Blue Prism Process Solutions

Blue Prism ASD01

Version Demo

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QUESTION NO: 1

Consider the following steps for a theoretical manual process.

- Check in input folder 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 System 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 System 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? (Choose two.)

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. Minimize 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: B E

QUESTION NO: 2

Which of the following statement combinations about Blue Prism memory management is correct?

A. A Blue Prism Process reads a Business Object into memory as required. Once the called Action is complete, the Process releases the memory for the .Net Garbage Collector to reclaim.
A Blue Prism Process reads a Sub Process into memory as required. Once the called Sub Process is complete, the Process releases the memory for the .Net Garbage Collector to reclaim.

B. A Blue Prism Process holds a Business Object in memory for the duration of its run.
A Blue Prism Process reads a Sub Process into memory as required. Once the called Sub Process is complete, the Process releases the memory for the .Net Garbage Collector to reclaim.

C. A Blue Prism Process holds a Business Object into memory as required.
Once the called Action is complete, the Process releases the memory for the .Net Garbage Collector to reclaim.

D. A Blue Prism Process holds a Sub Process in memory for the duration of its run.
A Blue Prism Process holds a Business Object in memory for the duration of its run.

ANSWER: A

QUESTION NO: 3

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?

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 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 NO: 4

Which of the following statements about Blue Prism and Web Services is correct?

A. Neither Blue Prism Processes or Business Objects can be exposed as a Web Service

B. Only Blue Prism Processes can be exposed as a Web Service

C. Only Blue Prism Business Objects can be exposed as a Web Service

D. Both Blue Prism Processes or Business Objects can be exposed as a Web Service

ANSWER: B

Explanation:

Reference: https://www.quora.com/How-can-web-services-be-called-in-BluePrism

QUESTION NO: 5

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? (Choose two.)

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