

ASD01.10q

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ASD01

Designing Blue Prism Process Solutions

Exam A

QUESTION 1

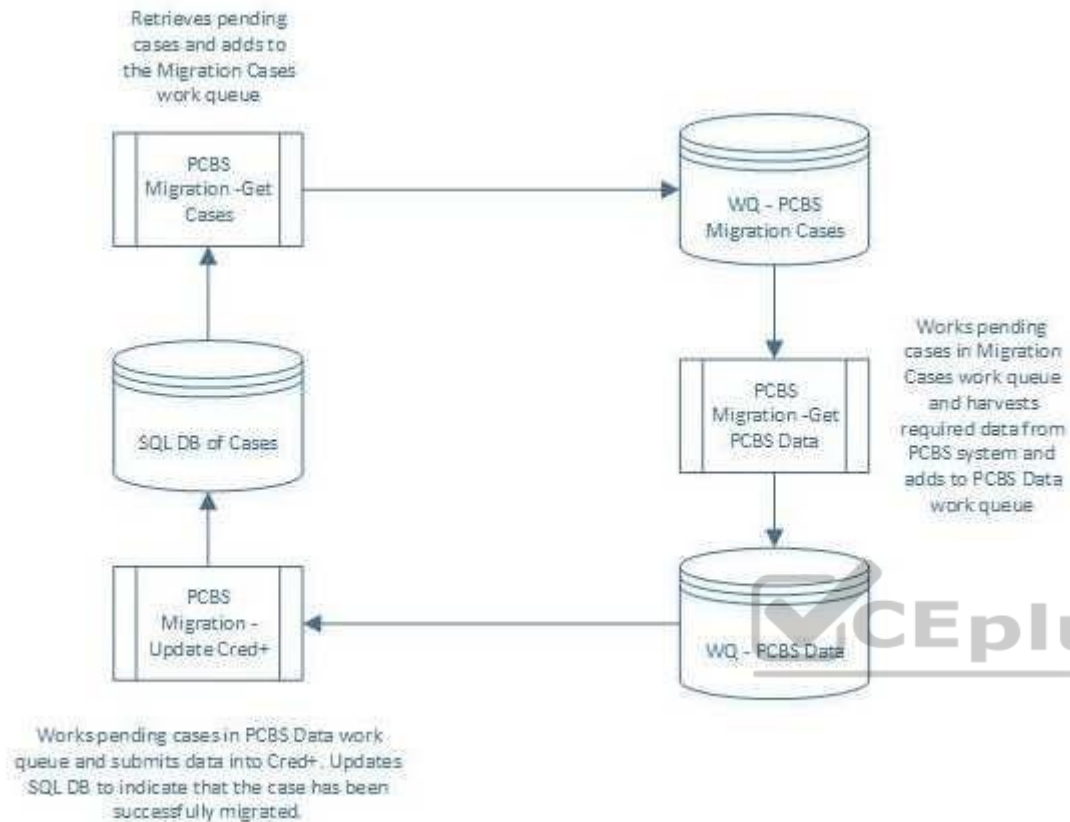
MedBank have recently introduced a new Credit Card platform Cred+. There is a requirement to migrate account and card details from the existing banking platform PCBS on to Cred+.

Account IDs of the cases requiring data transfer will be held on a SQL database. The requirement is that, for each account ID specified on the SQL database, the following data must be read from the PCBS application and input into the Cred+ application:

- Account ID
- Product Type
- Name
- Address
- Date of Birth
- Card PAN (Primary Account Number or credit card number)
- Card Issue Date
- Card Expiry Date

Once the data has been successfully input into Cred+ the correct record on the SQL database will be updated to indicate data transfer is complete. All work queues will be encrypted, however due to the sensitivity of the data, MedBank insist that a single robot account does not have access to both PCBS and CRED+ systems. The following high level design has been proposed:





Which of the following statements about the solution design are correct? (Choose two.)

- A. If the PCBS application suffers an outage, all Blue Prism processes specified in this design must stop processing immediately.
- B. The solution enables multiple instances of the Get PCBS Data and Update Cred+ processes to run without risk of collision.
- C. There is a risk that the outcome of a data transfer will not be recorded in the SQL database.
- D. To reduce the elapsed time of the end to end process, the Get Cases process should be run across multiple machines.
- E. The Process Get PCBS Data should be stopped if the Cred+ application suffers an outage to prevent a backlog of cases in the PCBS Data work queue.
- F. Such sensitive data should not be stored in a Blue Prism work queue.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

The following Object Design has been created for a mainframe banking application.



Object Name	Action Name	Inputs	Outputs	Notes
BankHost - Basic Actions	Launch	Session ID (text)		Launch using the supplied session ID
	Login	Username (text) Password (password)		Enter credentials
	Logout			Log out of the application
	Navigate	Account Number (text) Destination (text)		Enter the account number and destination screen code to navigate
	Return to Main Menu Exit			Return back to the main menu Exit the application
BankHost - Customer Details	Attach	Session ID (text)		Attach to open session
	Get Customer Details		Title (text) Firstname (text) Lastname (text)	Data is then retrieved from the screen and passed out as outputs.
BankHost - Account Details	Attach	Session ID (text)		Attach to open session
	Get Account Details		Product Name (text) Product Type (text)	Data is then retrieved from the screen and passed out as outputs.
BankHost - Standing Orders	Attach	Session ID (text)		Attach to open session
	Get Standing Orders		Collection:- - Reference (text) - Frequency (text) - Date (number) - Amount (number)	Return all standing orders from the screen as output collection
	Amend Standing Order	Reference (text) Frequency (text) Date (number) Amount (number)		Taking the supplied reference locate the correct standing order and amend the frequency, date and amount to match the supplied reference
BankHost - Notepad	Attach	Session ID (text)		Attach to open session
	Type	Option (text)		Type of note to add (Information or Secure)
	Add Note	Note (text)		Add the supplied note to the account



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Which of the following statements about the Object design above are correct? (Choose two.)

- A. The Add Note action in the “BankHost – Notepad” business object does not require an input for Type as the process definition document states that ‘Information’ will always be selected for this process.
- B. The object design facilitates a scalable design that will reduce the impact of change when the object layer needs altering.
- C. The object design should be simplified by storing all BankHost actions in the same object.
- D. There is no need for attach actions to be replicated across all the objects.
- E. The design complies with Blue Prism design best practice.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

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.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

When designing business objects which of the following statements is true? (Choose three.)

- A. It's best practice to keep application logic in one business object so that there is a single point of reference.
- B. It's good practice to split application logic into multiple objects so that the process is more efficient.
- C. It's good practice to keep application logic in one business object so that developers know where to find.
- D. It's good practice to keep application logic in one business object to minimize the process dependencies.
- E. It's a good practice to split application logic into multiple objects to minimize the process dependencies.
- F. It's a good practice to split application logic into multiple objects to minimize the effect of change.
- G. It's a good practice to keep application logic in one business object so that the process is more efficient.

Correct Answer: ADF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

You are the Lead Developer tasked with delivering four processes for the same client. You have enough developers in the team to develop all the processes in parallel. All the processes have one application in common, another application is used by two processes and one process uses an application that none of the others do.

Which of the following statements is true?

- A. Other than the standard utilities, there should be 3 objects.
- B. Other than the standard utilities, there should be 4 objects.
- C. Other than the standard utilities, there should be 7 objects.
- D. It's not possible to determine how many objects there should be.

Correct Answer: C

Section: (none)

Explanation



Explanation/Reference:

QUESTION 6

A process is required for a client in the banking sector that involves using an application to transfer funds between accounts. A strong security model is in place to prevent any malicious activity but the client is nervous about the risk of external problems, like a power cut leaving a case in an incomplete state or a fault in the source data causing a case to be duplicated or an excessively large transfer to be made. What should be included in the solution design? (Choose three.)

- A. A different queue for each major processing step.
- B. A different process for each major processing step.
- C. A single queue that is cleared of all worked items at the start of each day.
- D. Rules to limit transaction values.
- E. A key value that will uniquely identify queue items.
- F. A requirement that the solution is never run on more than one machine.
- G. An exception handling procedure to track manual referrals.

Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

A retail bank has promoted 2 Blue Prism processes to production:

1. Email poller
2. Customer onboarding
3. Direct Debit Cancellations

One instance of the email poller process will run 24/7 feeding work queues for the other two processes.

Three instances of the Customer onboarding process will run between 6am and 11pm each day on three separate VMs.

One instance of the Direct Debit Cancellations process will run between 6am and 4pm each day on the same VM as the Email poller process.

What is the maximum number of Blue Prism licenses that will be consumed each day?

- A. 3
- B. 4
- C. 5



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- D. 6

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Which of the following accurately describes best practice when work is sourced from an application's workflow system?

- A. There is no need to use a Blue Prism queue as workflow is managed within the application
- B. Even though there is a workflow system managing and allocating work, a Blue Prism Work Queue should still be used
- C. Blue Prism cannot source work from an application's workflow system
- D. When sourcing work from an applications workflow system, case data should be stored in an excel document

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 9

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.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

The status of a Work Queue can be used as a method of recording that work has been done so far on a Work Queue item.

Please consider the following statements:

1. For MI, to easily see how far an item has been worked.
2. To aid manual working of exceptions, providing the Item Status can inform staff what work is still outstanding on an item that needs manually.
3. To enable Work Queue items to be safely retried, a process can use the item status to know which updates have already been performed so that they are not repeated.
4. To record the Customer's Surname

- A. 2 only
B. 2 and 3 only
C. 1, 2 and 3 only
D. 1, 2, 3 and 4

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



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