

Blue Prism PDEV02

Blue Prism Professional Developer

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Question: 1

In a tenancy-renewal process, a sub-page runs six stages in order and has no Recover stage. On the calling page, the Page stage that calls the sub-page sits inside a Block that also contains a Recover stage and a Resume stage. An exception is raised at the third stage of the sub-page.

Which two statements describe what happens next?

(Choose two.)

- A. The session terminates with the exception unhandled at the sub-page that raised it
- B. The Recover stage inside the Block on the calling page catches the exception
- C. After the Resume stage, flow returns to the fourth stage of the sub-page
- D. Stages four to six of the sub-page do not run for this call
- E. Blue Prism skips the calling page and hands the exception to the Main page's recovery

Answer: B,D

Explanation:

With no Recover on the sub-page, the exception passes up to the stage that called it. That Page stage sits in the Block, so the Block's Recover catches it.

Once the exception leaves the sub-page, that call is abandoned. Recovery continues on the calling page, so any clean-up placed later on the sub-page is skipped and must be handled by the caller's recovery path.

Question: 2

A medical-device parts supplier's order API returns a nested JSON body. Four processes call it through a Web API Service action whose only output is the raw response text, and each process then converts that text into a Collection and reads order.status and the order.lines array from it.

What is the BEST change?

- A. Add output parameters to the action that map order.status and order.lines with JSON Path, and drop the conversion in all four processes
- B. Move the text-to-Collection conversion into one shared utility object action that all four processes call after the request
- C. Request an XML response from the supplier instead and read it straight into a Collection with no conversion step
- D. Keep the raw text output and extract both fields in each process with a RegEx action from a utility object

Answer: A

Explanation:

An action's output parameters can be mapped from the response body with JSON Path, so each caller receives the status and lines directly and the parsing lives once, in the service. A later change to the mapping is a single edit.

Question: 3

For a claims-intake desktop application, a developer proposes to automate every screen with Surface Automation. A reviewer points out that every control the process needs is already exposed in UI Automation mode.

Which two statements support the reviewer's position that the spied UI Automation elements should be used instead?

(Choose two.)

- A. A spied element is found by its attributes, so the window can move without breaking it
- B. Surface Automation Regions cannot be used inside a Block that also contains a Recover stage
- C. A spied read returns the control's value as data, with no recognition step to misread it
- D. Spied elements need no maintenance when the application is upgraded
- E. UI Automation elements can still be read after the Digital Worker's Windows session has been logged out

Answer: A,C

Explanation:

Identification by attributes such as name and control type does not depend on where the window sits. A Region, by contrast, is a position relative to the window.

Reading a spied element returns the value the control actually holds. Surface reads have to recognize text from pixels, and every recognition step is a chance to misread a character.

Question: 4

An automation must run on several runtime resources located in different time zones, and each resource must start work at the beginning of its own local business day.

What is the MOST reliable method to manage the scheduling?

- A. Use one shared schedule and pass a time zone offset into the process as a startup parameter
- B. Create a separate schedule for each runtime resource, each timed to that resource's local start of day
- C. Leave the processes unscheduled and start each one manually from Control Room
- D. Change the local clock on each runtime resource to match the server time

Answer: B

Explanation:

Each resource needs a different start instant, so a schedule per resource (or per group of resources in the same time zone) lets every trigger fire at the right local time and be monitored and changed independently in Control Room.

Question: 5

A supplier-refund process works items from a Work Queue whose Maximum Attempts is 3. Step 1 creates a refund in the finance system and returns a Refund Number, which the process writes into the Refund Number

field of the item data Collection it received from Get Next Item. When step 3 fails with a system exception the item is retried, and the retried attempt finds the Refund Number field empty and creates a second refund. Which change BEST prevents the duplicate refund?

- A. Set the item's Status to Refund Created after step 1 so the retried attempt skips straight to step 3
- B. Hold the Refund Number in a process-level data item so the retried attempt can read it later
- C. Write the Refund Number back to the work queue item's stored data straight after step 1
- D. Raise the queue's Maximum Attempts so the refund step is retried

Answer: C

Explanation:

The Collection from Get Next Item is a local copy. Writing the updated data back to the queue item lets the next attempt start with the Refund Number and skip step 1.

Question: 6

During peer review, a Professional Developer finds that one developer repeatedly hard-codes file paths and URLs in processes.

What is the MOST appropriate corrective action?

- A. Introduce Environment Variable governance standards
- B. Remove the configuration values from the process entirely
- C. Approve the process in peer review as it currently stands
- D. Increase stage logging

Answer: A

Explanation:

Standards that require environment-dependent values to be held in Environment Variables, checked in peer review, fix the habit across the team rather than in one process.

Question: 7

A developer is writing an external utility that will add items with Item Data to a Work Queue through the Blue Prism API. They are unsure which fields the request body requires in the version their organization has installed.

Where should they confirm the request's shape?

- A. A request body copied from a forum post written for an earlier release
- B. The inputs of the Work Queues business object's Add To Queue action
- C. The API specification published with the installed version
- D. The columns that Control Room shows for that queue's item list

Answer: C

Explanation:

Each release publishes an API specification describing every operation's request and response. It is the authoritative, version-matched source.

Question: 8

A loader adds claims to one Work Queue and tags each claim as Standard or Complex. A separate worker process must work only the Complex claims.

How should that worker process retrieve its items?

- A. Call Get Next Item with no filter and skip any item that is not tagged Complex
- B. Call Get Next Item with a Tag filter that returns only the Complex items
- C. Sort the queue in Control Room so Complex items come first
- D. Give Complex items a higher priority so the worker gets only those

Answer: B

Explanation:

Get Next Item can filter on Tags, so it returns only pending items tagged Complex and never locks a Standard claim.

Question: 9

A critical process must keep working if one Digital Worker becomes unavailable.
Which design supports this?

- A. Several Digital Workers sharing one Work Queue
- B. One dedicated Digital Worker running the process on a fixed schedule
- C. Exception handling disabled across the process and its objects
- D. One Digital Worker per item type, each with its own separate queue

Answer: A

Explanation:

Each item is locked to one worker, so if one Digital Worker drops out, the others keep pulling from the shared queue.

Question: 10

What is the PRIMARY purpose of the Main Page in a Blue Prism process?

- A. Hold the launch and login stages for every target application
- B. Orchestrate the overall transaction flow
- C. Define reusable actions that other processes can call directly
- D. Configure the Application Modeller elements used by the process

Answer: B

Explanation:

The Main Page is the entry point of a process. It controls the high-level flow, such as working queue items and calling sub-pages and object actions, while the detail sits elsewhere.

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