Microsoft Power Automate RPA Developer v1.0 (PL-500) - Full Access

Question 1 (Topic 1)

Case study -

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Background:
City Power and Light is one of the biggest energy companies in North America. They extract, produce and transport oil. The company has more than 50 offices and 100 oil extraction facilities throughout the United States, Canada, and Mexico. They use railways, trucks, and pipelines to move oil and gas from their facilities.

The company provides the following services:
* Produce oil from oil sands safely, responsibly, and reliably.
* Refine crude of into high-quality products.
* Develop and manage wind power facilities.
* Transport oil to different countries/regions.
City Power and Light uses various Microsoft software products to manage is daily actives and run its machine-critical applications.

ManagePipelineMaintenanceTasks:
A user named Admin1 creates a cloud flow named ManagePipelineMaintenanceTasks. Admin1 applies a data loss prevention (DLP) policy to the flow. Admin1 shares the flow with a user named PipelineManager1 as co-owner. You must determine the actions that PipelineManager1 can perform.

MaintenanceScheduler:
You create a cloud flow that uses a desktop flow. The desktop flow connects to third-party services to fetch information. You must not permit the desktop flow to run for more than 20 minutes.
You must configure sharing for MaintenanceScheduler to meet the following requirements:
* User1 must be able to work with you to modify the desktop flow.
* User2 must be able to access and review the run history for the flow.
* You must grant User3 permissions to run but not modify the desktop flow.

ERPDataOperations flow:
City Power and light uses an enterprise resource planning (ERP) system. The ERP system does not have an API.
Each day the company receives an email that contains an attachment. The attachment lists orders from the company's rail transportation partners. You must create an automation solution that reads the contents of the email and writes records to the ERP system. The solution must pass credential from a cloud flow to a desktop flow.

RailStatusUpdater:
City Power and Light actively monitors all products in transit. You must create a flow named RailStatusUpdater that manages communications with railways that transport the company's products. RailStatusUpdater includes five desktop flow actions.
You must run the desktop flows in attended mode during testing. You must run the desktop flows in unattended mode after you deploy the solution. You must minimize administrative efforts.

Packaging:
You must package the automations in a solution. All required components must be included in the solution.

ProductionMonitor flow:
You create a cloud flow named ProductionMonitor which uses the Manually trigger a flow trigger. You plan to trigger ProductionMonitor from a cloud flow named ProdManager.
You add a Run a Child flow action in ProdManager to trigger ProductionMonitor. When you attempt to save ProdManager the following error message displays:
Request to XRM API failed with error: 'Message:Flow client error returned with status code "Bad request" and details "("error":
{"code":ChildFlowUnsupportedForinvokerConnections", "message": The workflow with id 8d3bcde7-7e98-eb11-b1ac-000d3a32d53f", named FlowA cannot be used as a child workflow because child workflows only support embedded connections. "}}"Code" 0x80060467 InnerError.'

CapacityPlanning flow:
Developers within the company use could flows to access data from an on-premises capacity planning system.
You observe significant increases to the volume of traffic that the on-premises data gateway processes each day. You must minimize gateway failures.

DataCollector flow:
You have a desktop flow that interacts with a web form. The flow must write data to several fields on the form.
You are testing the flow. The flow fails when attempting to write data to any field on the web form.

RailStatusUpdater flow:
The RailStatusUpdater flow occasionally fails due to machine connection errors. You can usually get the desktop flow to complete by resubmitting the cloud flow run. You must automate the retry process to ensure that you do not need to manually resubmit the cloud flow when machine connection errors occur.

You need to resolve the issue with the DataCollector flow.
What are two possible ways to achieve the goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Configure the Populate text field on a web page actions to continue running the flow in case of error.
B. Replace the Populate text field on a web page action with the Send keys action to write data.
C. Remove the Focus text field on a web page actions that precede actions which write data to text fields.
D. Add an if web page contains action to determine whether a field exists and write data only when true.
E. Modify selectors to ensure that field attributes are mapped correctly.

Answer : BC

B: Can to do a "Send Keys" and value of "{Tab}" to get the web form to accept values.
C: Setting the 'Unfocus text box after filling it' to yes sometimes addresses the issue.

DataCollector flow -
You have a desktop flow that interacts with a web form. The flow must write data to several fields on the form.
You are testing the flow. The flow fails when attempting to write data to any field on the web form.
Reference: https://powerusers.microsoft.com/t5/Power-Automate-Desktop/Power-Automate-Desktop-gt-Webform-fill/td-p/773179

Question 2 (Topic 1)

You need to package the automations.
What should you do?

A. Show dependencies within the solution.

B. Remove unmanaged layers.
C. Add existing components to the solution.
D. Add required components to each item within the solution.

Answer : D

Packaging -
You must package the automations in a solution. All required components must be included in the solution.
Incorrect:
* View dependencies for a component
Solution components often depend on other solution components. You can't delete any solution component that has dependencies from another solution component. You can view the dependent components from the Solutions area of Power Apps.
Sign in to Power Apps and select Solutions from the left navigation.
Open the solution you want, select the component you want, on the command bar select ..., and then select Show dependencies.
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/view-component-dependencies

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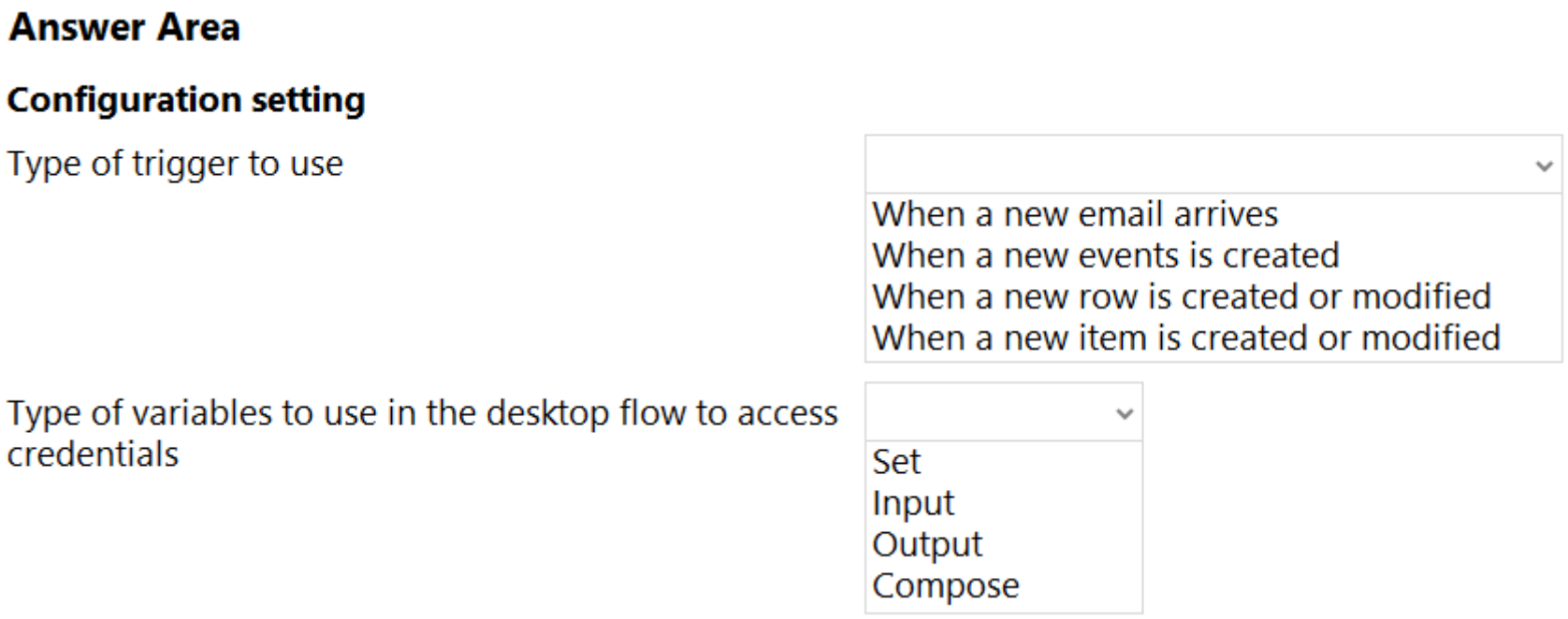
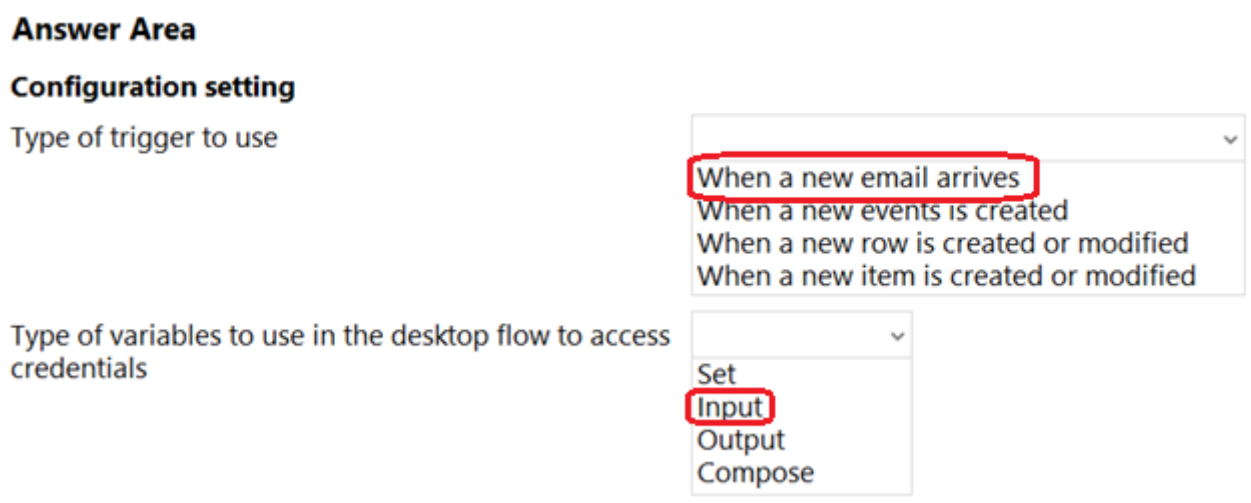
Question 3 (Topic 1)

HOTSPOT -
You need to configure the solution for the ERPDataOperations flow.
Which configuration values should you use? To answer, select the appropriate options in the answer area
NOTE: Each correct selection is worth one point.



Answer :



Box 1: When a new email arrives -

ERPDataOperations flow -
City Power and light uses an enterprise resource planning (ERP) system. The ERP system does not have an API.
Each day the company receives an email that contains an attachment. The attachment lists orders from the company's rail transportation partners. You must create an automation solution that reads the contents of the email and writes records to the ERP system. The solution must pass credential from a cloud flow to a desktop flow.

Box 2: Input -

Input and output variables -
Power Automate enables data exchange between cloud and desktop flows through the input and output variables. These variables are passed to and from desktop flows, allowing you to create sophisticated flows. Additionally, you can use input variables to set values manually when the flows are triggered through the console.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/manage-variables#input-and-output-variables

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Question 4 (Topic 1)

You need to identify the actions that PipelineManager1 can perform.
Which three actions can PipelineManager1 perform? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Set the cloud flow priority.
B. Modify or delete a flow.
C. Add or remove other owners.
D. Override the DLP policy.
E. Modify the owner's connection credentials.
F. View the run history.

Answer : ABF

ManagePipelineMaintenanceTasks -
A user named Admin1 creates a cloud flow named ManagePipelineMaintenanceTasks. Admin1 applies a data loss prevention (DLP) policy to the flow. Admin1 shares the flow with a user named PipelineManager1 as co-owner. You must determine the actions that PipelineManager1 can perform.
Sharing a flow as an Owner provides the new owner with access to:
● Modify the flow
● View Run History
● Run the flow
Incorrect:
Not E: Owners can use services in a cloud flow but can't modify the credentials for a connection that another owner created.
Reference: https://www.serverlessnotes.com/docs/sharing-flows-as-owners-and-run-only-users https://docs.microsoft.com/en-us/power-automate/create-team-flows

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Question 5 (Topic 1)

You need to configure the desktop action for the MaintenanceScheduler cloud flow.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Launch Power Automate for desktop.
B. Navigate to Desktop flow action settings in the cloud flow.
C. Select the Timeout property and update the duration to P20M.
D. Select the Timeout property and update the duration to PT20M.
E. Select machine settings in Power Automate for desktop.

Answer : DE

MaintenanceScheduler -
You create a cloud flow that uses a desktop flow. The desktop flow connects to third-party services to fetch information. You must not permit the desktop flow to run for more than 20 minutes.
D (not C): "P1M" is a one-month duration and "PT1M" is a one-minute duration (note the time designator, T, that precedes the time value).
E: To trigger desktop flows through Power Automate, you have to use machines or machine groups. Machines are physical or virtual devices that are used to automate desktop processes. Machine groups allow you to organize multiple machines together to help distribute your automation workload.
Reference: https://en.wikipedia.org/wiki/ISO_8601
https://docs.microsoft.com/en-us/power-automate/desktop-flows/run-pad-flow

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Question 6 (Topic 1)

You need to configure the RailStatusUpdater cloud flow.
What should you do?

A. Create a JavaScript function to update the run mode values of each action within the desktop flow.
B. Manually update each desktop flow action to change the run mode.
C. Create a desktop flow to update the run mode values of each action within the cloud flow.
D. Create an environment variable. Update each desktop flow action to read the variable.

Answer : D

RailStatusUpdater -
City Power and Light actively monitors all products in transit. You must create a flow named RailStatusUpdater that manages communications with railways that transport the company's products. RailStatusUpdater includes five desktop flow actions.
You must run the desktop flows in attended mode during testing. You must run the desktop flows in unattended mode after you deploy the solution. You must minimize administrative efforts.
Note: Windows has a built-in feature called Environment variables that allows people to store data that can be used by applications. The Microsoft documentation describes Environment variables as: "store information about the operating system environment. This information includes details such as the operating system path, the number of processors used by the operating system, and the location of temporary folders."
When it comes to automation, there is naturally a need to manage configuration such as file paths. We can use Environment variables to store locations that we can access from Power Automate Desktop.
Reference: https://www.serverlessnotes.com/docs/using-windows-environment-variables

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Question 7 (Topic 2)

Case study -

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Background:
Contoso Pharmaceuticals distributes specialty pharmaceuticals, ingredients, and raw materials throughout North America. The company has 33 offices and 12 warehouses across the US, Mexico, and Canada. As their customers' needs grow in sophistication, Contoso wants to delight customers with breakthrough products, exceptional service, and on-time delivery of materials. They want to automate time consuming and manual processes that are prone to error. Contoso wants to consolidate and automate ordering and fulfillment processes.
* The company has a fleet of 500 delivery trucks. The company has 150 drivers and uses third-party contractors to deliver goods.
* The company has 400 warehouse workers and 30 finance clerks.
* Contoso has 85 sales representatives and 50 customer service representatives. Sales representatives spend most of their time on the road visiting customers or prospects.
* The IT department consists of four system administrators and six system analysts.

Current environment:
Contoso Pharmaceuticals has a custom enterprise resource management (ERP) system. It is difficult to integrate other applications and services with the system. Office staff manually key in purchase orders, customer orders, and invoices after they receive a scan or hard copy of an agreement.

Applications:
* The company uses a custom supplier management system named SMSApps that runs on each user's workstation. The system is costly to run and maintain. SMSApp does not have an API.

* Sales representatives manage customer requests by using Dynamics 365 Sales.
* Contoso has Microsoft Power Platform development, user acceptance testing (UAT), and production environments.
* Administrators create one Accounts Payable (AP) mailbox for each environment to support testing.
* The use of a DLP policy and Desktop Flow development is specified as part of the automation requirements.

Business Process:
1. Sales representatives create quotes by using a Microsoft Word document template. The template allows representatives to include product, quantity, and cost estimation details that will be needed to fulfil an order. The representative converts quotes to a PDF file and emails the file to the customer for approval.
2. The sales representative alerts the finance team about the new order and emails the finance team a copy of the quote for processing.
3. The finance team prints the quote and manually creates a purchase order (PO) into SMSApp to request materials from a known and trusted vendor.
4. The SMSApp distributes the PO to stakeholders. The system sends a copy to a shared finance team mailbox.
5. Once a PO is fulfilled by a vendor, the system sends an email to the finance mailbox. The finance team releases an order to the warehouse.
6. Materials are shipped from the vendor to one of Contoso's warehouses. Warehouse workers enter key information from the waybill into SMSApp. The materials are unloaded and racked in the warehouse until they are shipped to customers.
7. Upon checking for new daily orders in SMSApp, they see an open order is pending that is awaiting the newly received materials.
8. The Warehouse worker loads an order onto a truck for delivery and marks the order as complete in SMSApp.
9. Sales representatives provide fulfillment status and tracking information for orders.
10. A finance clerk prepares an invoice and sends the invoice to the customer by email. The clerk sends a copy of the email to the shared AP mailbox.
11. The AP team monitors the shared mailbox to confirm that the customer has paid the invoice.

Functional requirements:
* Large volume orders must be processed before other orders.
* Invoices must be cross-checked with received items against packing slip for shipments.
* The finance team must be able to analyze patterns in transactional data to conduct fraud prevention activities.
* You must automate the process of entering data about incoming orders into SMSApp.
* The solution must follow the principle of least privilege.

Purchase Order Quantity flow:
* You must create an unmanaged solution to update purchase order details in SMSApp. The flow must use a manual trigger.
* Members of Accounts Payable team will be testers for the solution. They must be able to access the Purchase Order Quantity flow.

Flow for processing invoice data:
* You must create a flow to monitor the AP mailbox. When an invoice arrives as an attachment in the inbox, the flow must automatically process the invoice data by using a form processing model. The flow must cross-check the received items against the packing slip.
* You must use different Accounts Payable email addresses for development, user acceptance testing (UAT), and production environments.
* You must use an environment variable to represent the Accounts Payable mailbox for the environment in use.
* You must be able to use the environment variable across multiple cloud flows, a custom connector, and a canvas app.

Technical requirements:
* Users must only be allowed to connect to and access systems that are required for the employee to perform required job tasks.
* All automation flows must be either co-owned or shared between staff.
* All employees must be able to access the new environment to build personal productivity automations.
* You must distribute the workload for desktop flows to optimize productivity.

Monitor flows:
* All data extracted from Invoices should be stored in a custom Dataverse entity. Only employees who are part of Finance role should be able to edit all Invoice data but must be prevented from creating or deleting one.

Invoice data:
All users report that they can see and modify invoice data.

New environment:
* The IT department creates a new environment. A user creates a cloud flow named FlowA in the environment that triggers a desktop flow. A user reports that the cloud flow does not trigger the desktop flow to run.
* Microsoft Dataverse is not provisioned in the new environment. You attempt to create a Desktop flow in the default environment but receive a Dataverse error message and cannot proceed.

Data entry automation flow:
An administrator runs a new desktop flow in the development environment to automate data entry into SMSApp. The flow automatically reverts to a suspended state.

Order fulfillment flow:
You must automate the customer communication process by using an unattended desktop flow. The flow must check the fulfilment status of each active order in SMSApp. If an order is fulfilled, the flow must send the customer an email that includes tracking information for their order.

You need to configure permissions for the Purchase order quantity flow.
Which permission should you assign?
A. Co-owner
B. User
C. Run-only user
D. Owner

Answer : C

Purchase Order Quantity flow -
You must create an unmanaged solution to update purchase order details in SMSApp. The flow must use a manual trigger.
Members of Accounts Payable team will be testers for the solution. They must be able to access the Purchase Order Quantity flow.
Share a cloud flow with run-only permissions
Instant flows (that is, flows that use a manual trigger such as a button or an item being selected) can be shared by using run-only permissions. Any user who's added as a run-only user won't have access to edit or modify the flow in any way; they'll only have permissions to trigger the flow.
Reference: https://docs.microsoft.com/en-us/power-automate/create-team-flows

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Question 8 (Topic 2)

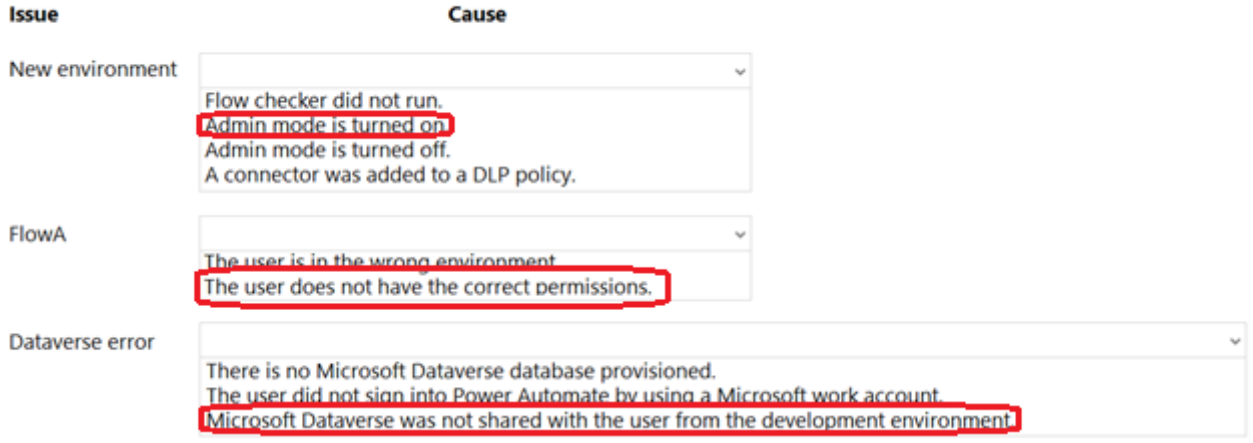
HOTSPOT -
You need to determine the causes for the reported issues.
What are the causes? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

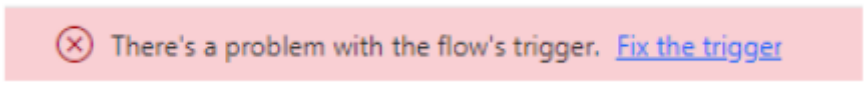
Answer Area

Issue	Cause
New environment	Flow checker did not run. Admin mode is turned on. Admin mode is turned off. A connector was added to a DLP policy.
FlowA	The user is in the wrong environment. The user does not have the correct permissions.
Dataverse error	There is no Microsoft Dataverse database provisioned. The user did not sign into Power Automate by using a Microsoft work account. Microsoft Dataverse was not shared with the user from the development environment.

Answer :



Box 1: Admin mode is turned on.
Administration mode - Select to enable administration mode for the selected sandbox, production, or trial (subscription-based) environment. Only System Administrators or System Customizers will be able to sign in to the selected sandbox or production environment.
Incorrect:
* Administration mode off
* Flow Checker in Power Automate promotes higher quality flows by ensuring you follow best practices when you design flows. When you run the checker, you get insights into questions like "which areas of my flow's implementation pose a performance or reliability risk?"
For each issue the checker identifies, the checker points to specific occurrences within the flow where you should consider making improvements. And, you learn how to implement these improvements by following detailed guidance.
Box 2: The user does not have the correct permissions
The IT department creates a new environment. A user creates a cloud flow named FlowA in the environment that triggers a desktop flow. A user reports that the cloud flow does not trigger the desktop flow to run.
Note: The trigger may be failing.
To confirm:
Go to My flows and then select your flow.
Do you see the following error in the Details?



Screenshot of an error message about the flow's trigger.
This error means that Power Automate tried multiple times to establish a connection to register the trigger and failed. Your flow won't trigger until this problem is resolved.
One of the common reasons for the failure is that the Power Automate service end points are not part of the allow list. To fix it, confirm that your IT department has added these endpoints to the allow list.
Box 3: Microsoft Dataverse was not shared with the user from the development environment.
Microsoft Dataverse is not provisioned in the new environment. You attempt to create a Desktop flow in the default environment but receive a Dataverse error message and cannot proceed.
Adding or refreshing users on demand
There are cases where users are not provisioned automatically. Additionally, there may be delays in reflecting the users' latest status in environments. In such cases, adding or refreshing specific users on demand can be helpful.
For example, by:

Add users to an environment -
Environments can have zero or one Microsoft Dataverse database. The process for adding users to environments that have no Dataverse database differs from the process for environments that have one Dataverse database.
Reference: https://docs.microsoft.com/en-us/power-platform/admin/admin-mode https://docs.microsoft.com/en-us/power-automate/triggers-troubleshoot https://docs.microsoft.com/en-us/power-platform/admin/troubleshooting-user-needs-read-write-access-organization

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Question 9 (Topic 2)

You need to resolve the fulfillment status flow issue.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each connect selection is worth one point.

A. Ensure that the flow instance does not remain in the queue for more than three hours.
B. Ensure that all users are signed out from the target machine.
C. Use different local Windows accounts for all machines.
D. Ensure that the flow is not using elevated privileges.
E. Trigger the flow by using an on-premises data gateway.

Answer : BDE

E: The on-premises data gateway acts as a bridge to provide quick and secure data transfer between on-premises data (data that isn't in the cloud) and several Microsoft cloud services. These cloud services include Power BI, Power Apps, Power Automate, Azure Analysis Services, and Azure Logic Apps. By using a gateway, organizations can keep databases and other data sources on their on-premises networks, yet securely use that on-premises data in cloud services.
Note:
9. Sales representatives provide fulfillment status and tracking information for orders.

Order fulfillment flow -
You must automate the customer communication process by using an unattended desktop flow. The flow must check the fulfilment status of each active order in SMSApp. If an order is fulfilled, the flow must send the customer an email that includes tracking information for their order.
Reference: https://docs.microsoft.com/en-us/power-automate/gateway-reference

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Question 10 (Topic 2)

You need to implement security to resolve the invoice data issue.
Which three actions should you perform? Each correct answer present part of the solution.
NOTE: Each correct selection is worth one point.

A. Clear the Create and Delete permissions. Set the Read permission and Write permission values to Organization.
B. Select the Finance role, select Custom Entities and navigate to the table.
C. In Microsoft Power Platform admin center, navigate to the Users section.
D. In Microsoft Power Platform admin center, navigate to the Security roles section.
E. Clear the Create and Delete permissions. Set the Read permission and Write permission values to Business unit.
F. Select the Finance role select Core Records, and then navigate to the table.

Answer : BDE

Issues -

Invoice data -
All users report that they can see and modify invoice data.
B (not F): Create or configure a custom security role
If your app uses a custom entity, its privileges must be explicitly granted in a security role before your app can be used. You can either add these privileges in an existing security role or create a custom security role.
D (not C): Set the permissions for Roles, not directly to Users.
E (not A): A business unit is a logical grouping of related business activities.
If your organization is structured around departments or divisions that have separate products, customers, and marketing lists, you might want to create business units. Business units are mapped to an organization's departments or divisions. Users can securely access data in their own business unit, but they can't access data in other business units unless they are assigned a security role from that business unit.
Reference: https://docs.microsoft.com/en-us/power-platform/admin/database-security

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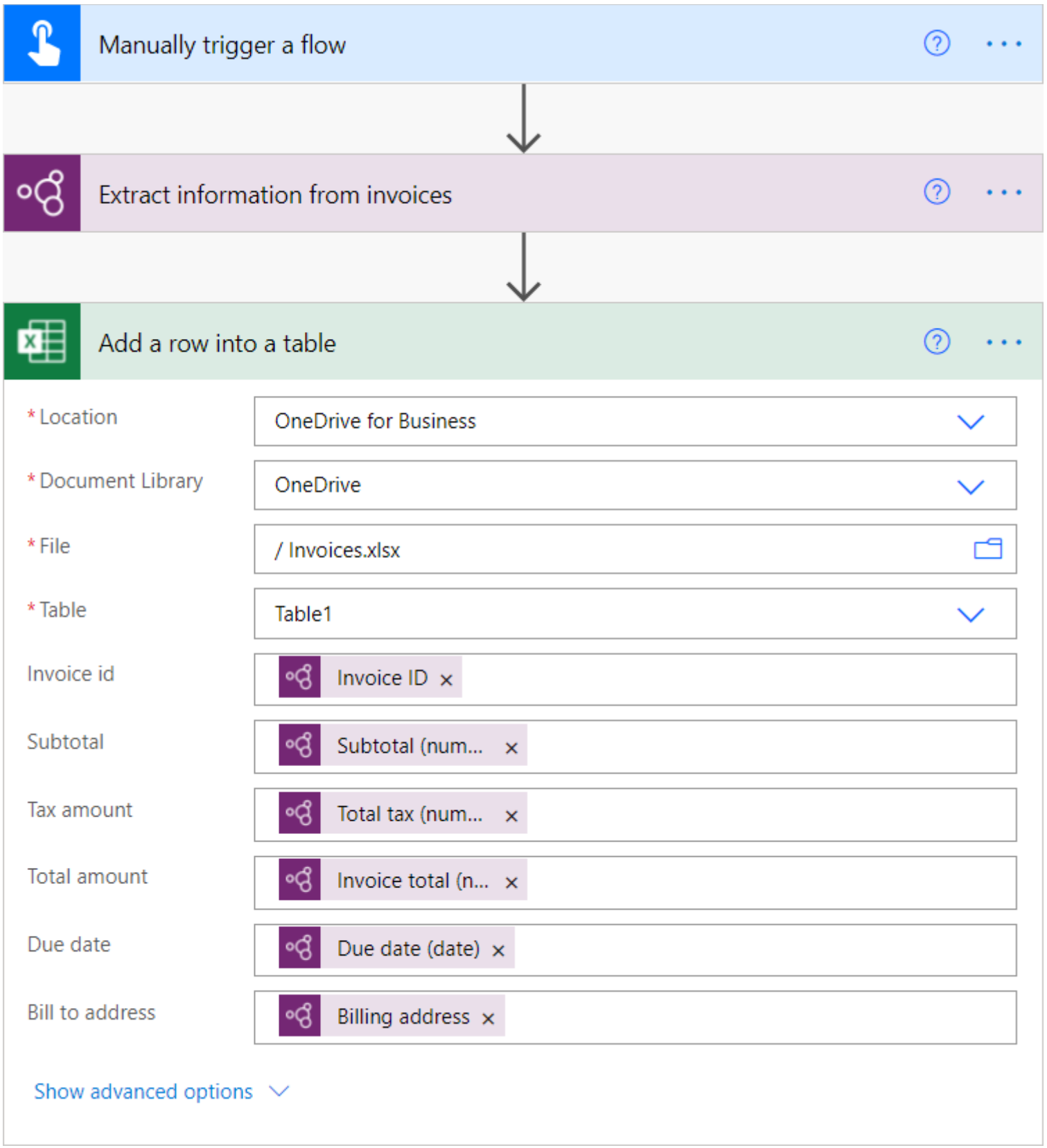
Question 11 (Topic 2)

You need to configure the flow for processing invoices that arrive in the AP mailbox.
Which three elements should you use? Each correct answer presents pat of the solution.
NOTE: Each correct selection is worth one point.

A. AI model
B. Document type
C. Location
D. Form type
E. Pages
F. Form

Answer : ACE

AC: Use the invoice processing prebuilt model in Power Automate.
Sign in to Power Automate.
Select My flows in the left pane, and then select New flow > Instant cloud flow.
Name your flow, select Manually trigger a flow under Choose how to trigger this flow, and then select Create.
Expand Manually trigger a flow, and then select +Add an input > File as the input type.
Replace File Content with My invoice (also known as the title).
Select +New step > AI Builder, and then select Extract information from invoices in the list of actions.
Specify My invoice from the trigger in the Invoice file input.
In the successive actions, you can use any of the invoice values from the model output.



E: Page range -
For large documents, it's possible to specify the page range to process.
Flow for processing invoice data
You must create a flow to monitor the AP mailbox. When an invoice arrives as an attachment in the inbox, the flow must automatically process the invoice data by using a form processing model. The flow must cross-check the received items against the packing slip.
You must use different Accounts Payable email addresses for development, user acceptance testing (UAT), and production environments.
You must use an environment variable to represent the Accounts Payable mailbox for the environment in use.
You must be able to use the environment variable across multiple cloud flows, a custom connector, and a canvas app.
Reference: https://docs.microsoft.com/en-us/ai-builder/flow-invoice-processing

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Question 12 (Topic 2)

You need to identify the cause for the SMSApp data entry issue.
What is the root cause?

A. The default policy group is set to Blocked.
B. The scope of the DLP policy was changed to exclude the development environment.
C. The DLP policy that contains the desktop flow connector was deleted.
D. The desktop flow was not shared with the finance clerk.
E. The Power Automate Management connector is assigned to the Business category.

Answer : E

Data entry automation flow -
An administrator runs a new desktop flow in the development environment to automate data entry into SMSApp. The flow automatically reverts to a suspended state.
Your flow was updated, but it is currently suspended since it uses a combination of connectors that conflict with the company data loss prevention policies or billing restrictions.
By exclusion, the problem is related to the connector.
Incorrect:
Not B: If the DLP policy scope excludes the development environment there should not be this error.
Not C: If you delete the DLP policy there should not be this error.
Reference: https://powerusers.microsoft.com/t5/General-Power-Automate/Your-flow-was-updated-but-it-is-currently-suspended-since-it/m-p/253464#M24569

Question 13 (Topic 2)

HOTSPOT -
You need to configure the solution.
What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Option
Automate the SMSApp data entry process.	Action Workflow Desktop flow Mobile task flow
Handle invoices sent to the Accounts payable mailbox.	When a folder is created When an item is created When a new email arrives When a new email arrives in a shared mailbox
Implement the order process.	Workflows Instant flows Business rules Business process flows

Answer :

Answer Area

Requirement	Option
Automate the SMSApp data entry process.	Action Workflow Desktop flow Mobile task flow
Handle invoices sent to the Accounts payable mailbox.	When a folder is created When an item is created When a new email arrives When a new email arrives in a shared mailbox
Implement the order process.	Workflows Instant flows Business rules Business process flows

Box 1: Mobile task flow -
The Warehouse worker loads an order onto a truck for delivery and marks the order as complete in SMSApp.

Note: Create a mobile task flow -
Design a cloud flow in Dynamics 365 for phones or Dynamics 365 for tablets based on common tasks your users perform. For example, if they need to regularly perform a series of follow-up steps after client meetings, create a task flow. When users tap the new task in their mobile app, it will lead them through from start to finish so they don't forget an important step.
Task flows can use multi-table forms and logic, and can have form logic that runs across the task flow pages.
Box 2: When a new email arrives in a shared mailbox

Box 3: Business process flows -
You can help ensure that people enter data consistently and follow the same steps every time they work with a customer by creating a business process flow. For example, you might want to create a business process flow to have everyone handle customer service requests the same way, or to require that people get approval for an invoice before submitting an order. Business process flows use the same underlying technology as other processes, but the capabilities that they provide are very different from other features that use processes.
Note: 9. Sales representatives provide fulfillment status and tracking information for orders.
10. A finance clerk prepares an invoice and sends the invoice to the customer by email. The clerk sends a copy of the email to the shared AP mailbox.
11. The AP team monitors the shared mailbox to confirm that the customer has paid the invoice.
Reference: https://docs.microsoft.com/en-us/power-automate/create-mobile-task-flow https://docs.microsoft.com/en-us/power-automate/business-process-flows-overview

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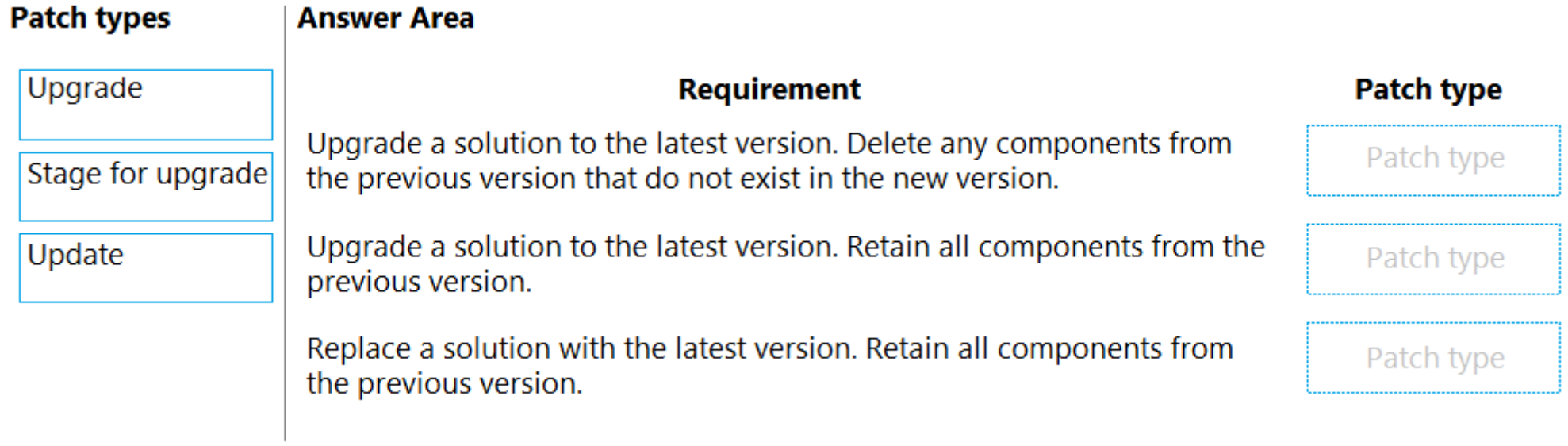
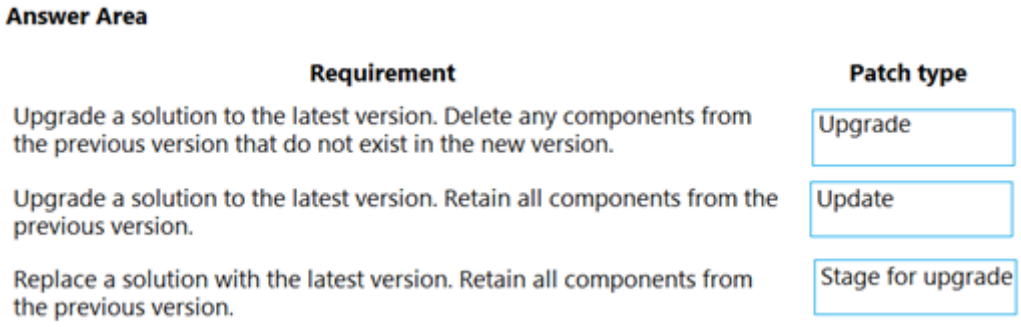
Question 14 (Topic 3)

DRAG DROP -
You manage automation solutions for a company.
You need to select the appropriate patch type for each scenario.
Which patch types should you use? To answer, drag the appropriate patch types to the correct requirements. Each patch type may be used once, more than once, or not at all. You may need to drag the bar between

panes or scroll to view content.
NOTE: Each correct selection is worth one point.



Answer :



Box 1: Upgrade -
Upgrade This is the default option and upgrades your solution to the latest version and rolls up all previous patches in one step. Any components associated to the previous solution version that are not in the newer solution version will be deleted. This is the recommended option as it will ensure that your resulting configuration state is consistent with the importing solution including removal of components that are no longer part of the solution.

Box 2: Update -
Update This option replaces your solution with this version. Components that are not in the newer solution won't be deleted and will remain in the system. This option is not recommended as your destination environment will differ in configuration from your source environment and could cause issues that are difficult to reproduce and diagnose.

Box 3: Stage for Upgrade -
Stage for Upgrade. This option upgrades your solution to the higher version, but defers the deletion of the previous version and any related patches until you apply a solution upgrade later. This option should only be selected if you want to have both the old and new solutions installed in the system concurrently so that you can do some data migration before you complete the solution upgrade. Applying the upgrade will delete the old solution and any components that are not included in the new solution.
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/update-solutions

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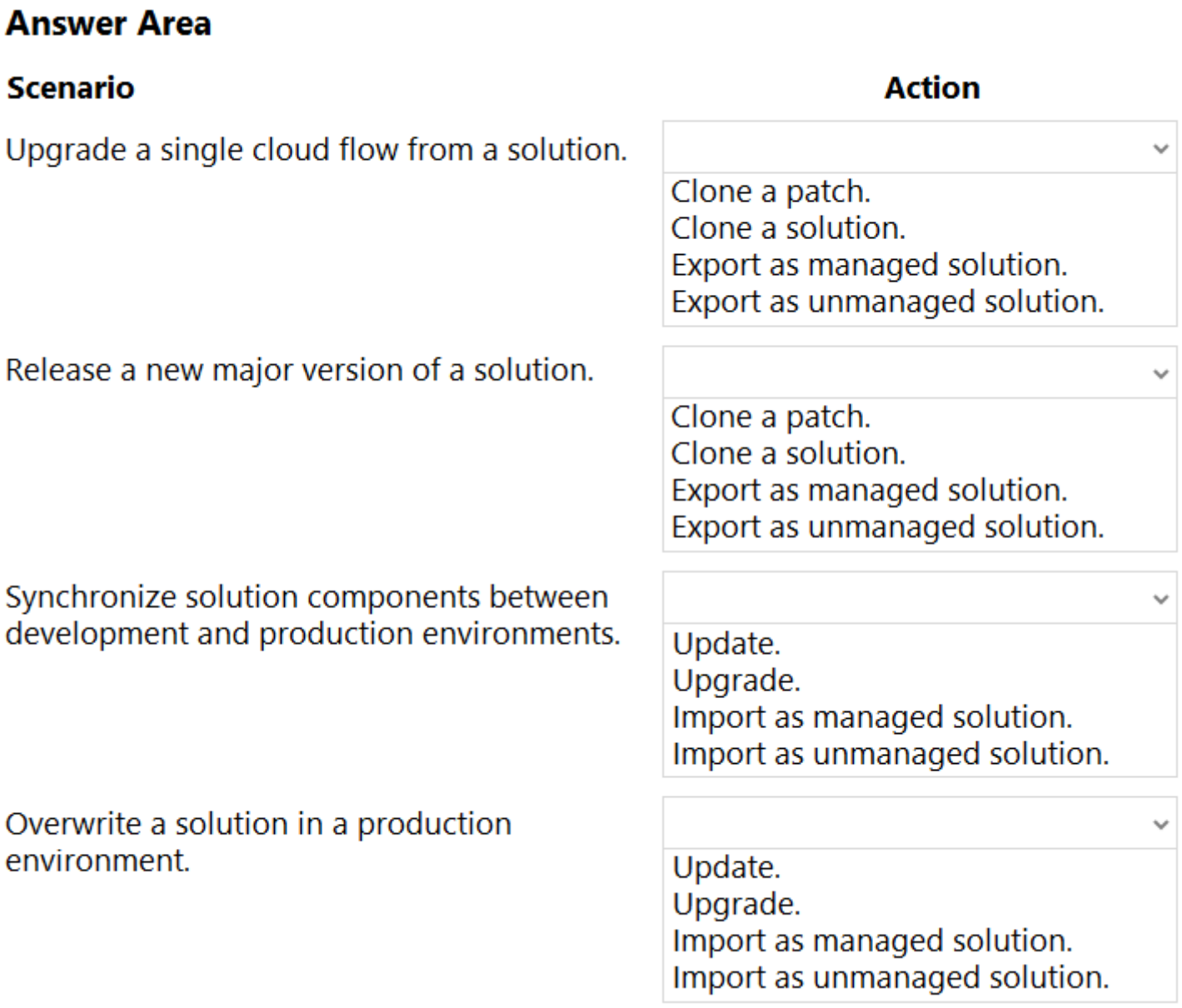
Question 15 (Topic 3)

HOTSPOT -
You are developing a new release for an automation solution.
You need to use the right feature.
Which feature should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer :

Answer Area

Scenario	Action
Upgrade a single cloud flow from a solution.	Clone a patch.
Release a new major version of a solution.	Clone a solution.
Synchronize solution components between development and production environments.	Import as unmanaged solution.
Overwrite a solution in a production environment.	Upgrade.

Box 1: Clone a patch -

Patches -
You can apply patches to either managed or unmanaged solutions and include only changes to entities and related entity assets. Patches do not contain any non-customized system components or relationships that it dependents upon because these components already exist in the deployed-to organization. At some point in your development cycle, you can roll up all the patches into a new solution version to replace the original solution that the patches were created from.

Box 2: Clone a solution -
Clone a solution rolls up the base solution and any patches into a v.next - it doesn't copy the solution
Box 3: Import as an unmanaged solution
You can manually export solutions. We recommend that you create an unmanaged solution to use for exporting your customizations, and then export your customizations periodically so that you have a backup in case anything happens.

Export from Power Apps -
Sign into Power Apps and select Solutions from the left navigation.
In the list of solutions, select the unmanaged solution you want to export, and then select Export. Notice that you can't export managed solutions.
Etc.

Box 4: Upgrade -
Upgrade This is the default option and upgrades your solution to the latest version and rolls up all previous patches in one step. Any components associated to the previous solution version that are not in the newer solution version will be deleted. This is the recommended option as it will ensure that your resulting configuration state is consistent with the importing solution including removal of components that are no longer part of the solution.
Reference: https://docs.microsoft.com/en-us/power-platform/alm/create-patches-simplify-solution-updates https://docs.microsoft.com/en-us/power-apps/maker/data-platform/export-solutions https://docs.microsoft.com/en-us/power-apps/maker/data-platform/solutions-overview https://docs.microsoft.com/en-us/power-apps/maker/data-platform/update-solutions

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Question 16 (Topic 3)

DRAG DROP -
A company has an unattended cloud flow solution. The solution includes a desktop flow that runs on a virtual machine.
The company reports that the cloud flow processes more transactions per day than the planned capacity.
You need to scale the solution to keep up with demand.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Register the machines to the correct environment by using the machine runtime application.
- Add the machines to a machine group.
- Register the machines to the correct environment by using flow.microsoft.com.
- Update the machine connections to target the machine group in the desktop flow.
- Update the machine connections to target the machine group in the cloud flow.
- Provision virtual machines.

Answer Area

Answer :

Answer Area

- Provision virtual machines.
- Register the machines to the correct environment by using the machine runtime application.
- Add the machines to a machine group.
- Update the machine connections to target the machine group in the cloud flow.

Step 1: Provision virtual machines
Step 2: Register the machines in the correct environment by using the machine runtime application.

Register a new machine -
Install the latest version of Power Automate on your device. If you already have the latest version, skip to step 3.
Make sure you have checked Install the machine-runtime app to connect to the Power Automate cloud portal Screenshot of the option to accept the terms.
When the installation completes, launch the Power Automate machine-runtime app
Etc.
Step 3: Add the machines to a machine group

Create a machine group -
Machine groups can either be created from the Power Automate machine runtime app or from the Power Automate portal.

Add your machine to a group -
You will need at least one machine in your group to run desktop flows.
Note: Machine groups allow you to organize multiple machines together to help distribute your automation workload and optimize productivity. Desktop flows can be assigned to a given machine group and then will be queued to it when triggered to run.
Step 4: Update the machine connections to target the machine group in the cloud flow.
Connecting your machine directly to Power Automate and the cloud allows you to harness the full power of your robotic process automation (RPA). The easiest way to connect your machine to the cloud is with our direct connectivity. All you need to do is ensure that you are signed into the latest version of Power Automate for desktop, and your machine will be registered with Power Automate automatically. Once registered, you can create a connection right away in your cloud flows.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/manage-machines https://docs.microsoft.com/en-us/power-automate/desktop-flows/manage-machine-groups

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Question 17 (Topic 3)

DRAG DROP -
A company stores confidential documents in a SharePoint document library.
A developer must create an automation solution in a default environment that processes documents from the SharePoint library and uploads approved documents to Azure File Storage for archiving purposes. The automation must meet the following requirements:
* Prevent modification or deletion of approved documents from Azure File Storage.
* Prevent sharing of documents from SharePoint or Azure File Storage.
You need to configure a data loss prevention (DLP) policy.
Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Set the policy scope to **Exclude certain environments** and add the default environment.
- Add the SharePoint and Approvals connectors to the Business category. Add the Azure File Storage connector to the Blocked category.
- Configure Azure File Storage connector actions.
- Set the policy scope to **Add multiple environments** and add the default environment.
- Add the SharePoint, Azure File Storage, and Approvals connectors to the Business category.
- Add the SharePoint, Azure File Storage, and Approvals connectors to the Non-business category.
- Confirm and save the policy.
- Create a new data policy in the Microsoft Power Platform admin center.

Answer Area

Answer :

Answer Area

- Create a new data policy in the Microsoft Power Platform admin center.
- Set the policy scope to **Exclude certain environments** and add the default environment.
- Add the SharePoint and Approvals connectors to the Business category. Add the Azure File Storage connector to the Blocked category.
- Configure Azure File Storage connector actions.
- Confirm and save the policy.

Step 1: Create a new data policy in the Microsoft Power Platform admin center.
Step 2: Set the policy scope to Exclude certain environments and add the default environment.
Step 3: Add the SharePoint and Approvals connectors to the Business category. Add the Azure File Storage connector to the Blocked category.
Prevent modification or deletion of approved documents from Azure File Storage.
Prevent sharing of documents from SharePoint or Azure File Storage.
Business - Connectors for business-sensitive data. Connectors in this group can't share data with connectors in other groups.
List of connectors that can't be blocked
All connectors driving core Microsoft Power Platform functionality (like Dataverse, Approvals, and Notifications), in addition to connectors that enable core Office customization scenarios like Microsoft Enterprise Plan standard connectors, will remain non-blockable to ensure that core user scenarios remain fully functional.
Step 4: Configure Azure File Storage connector actions.

However, these non-blockable connectors can be classified into Business or Non-Business data groups.
Step 5: Confirm and save the policy
Reference: https://docs.microsoft.com/en-us/power-platform/admin/dlp-connector-classification https://docs.microsoft.com/en-us/power-platform/admin/create-dlp-policy

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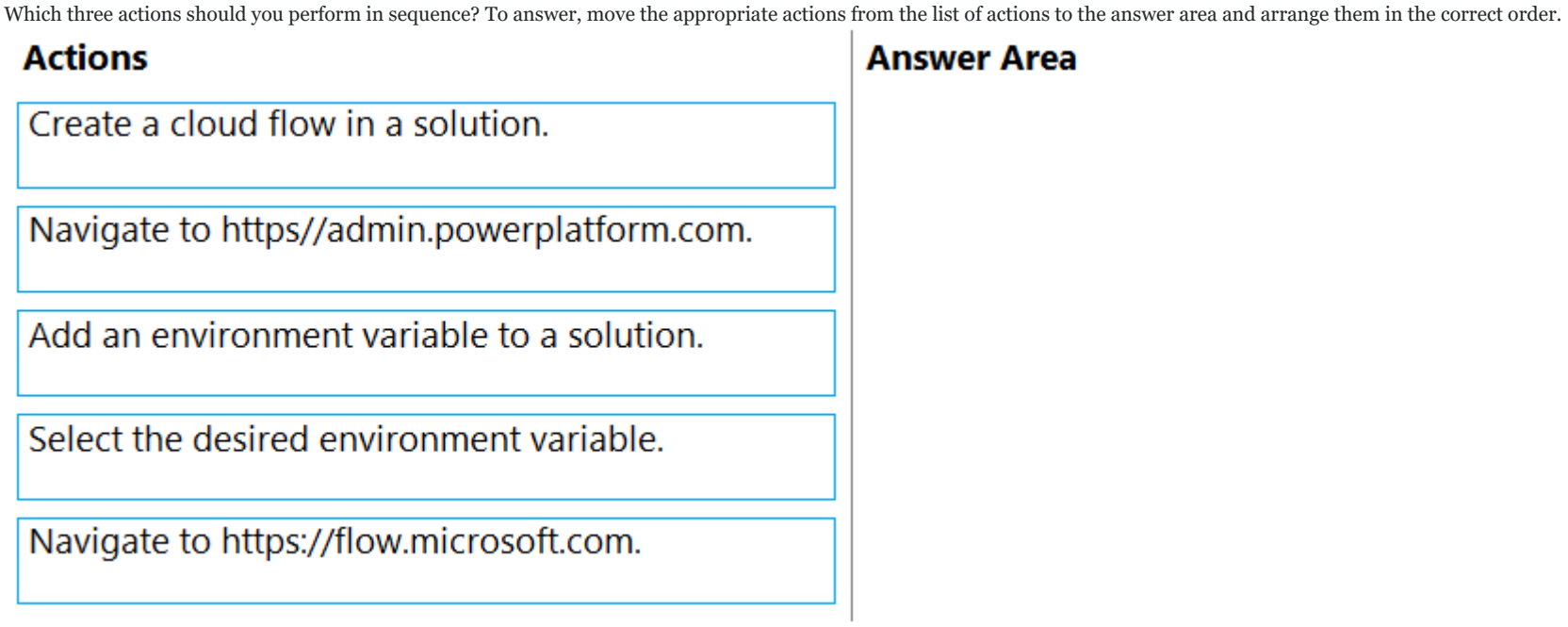
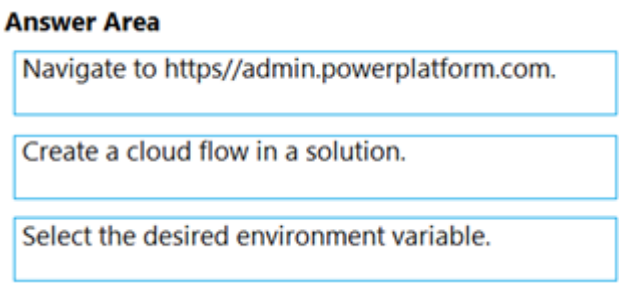
Question 18 (Topic 3)

DRAG DROP -
You are developing automation solutions for a company.
You need to use an environment variable in a cloud flow.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer :



Step 1: Navigate to https//admin/powerplatform.com
The Power Platform admin center (https://admin.powerplatform.microsoft.com/) provides a unified portal for administrators to manage environments and settings for Power Apps, Power Automate, and customer engagement apps (Dynamics 365 Sales, Dynamics 365 Customer Service, Dynamics 365 Field Service, Dynamics 365 Marketing, and Dynamics 365 Project Service Automation).
Incorrect:
Navigate to https//flow.microsoft.com
Step 2: Create a cloud flow in a solution
Step 3: Select the desired environment variable.
Use environment variables in Power Automate solution cloud flows
Environment variables can be used in solution cloud flows since they are available in the dynamic content selector. All types of environment variables can be used in triggers and actions. To use an environment variable in a solution cloud flow:
Edit or create a cloud flow in a solution.
In an action or a trigger, determine the parameter that you want to use for the environment variable: a. If the parameter takes a simple value, such as a string or number, enter the parameter. b. If the parameter is a lookup, scroll to the bottom of the lookup, and then select Enter custom value. Environment variables that you have access to are listed in the dynamic content selector with other dynamic content. Select an environment variable to add to a cloud flow trigger or action.
Select the desired environment variable.
Reference: https://docs.microsoft.com/en-us/power-platform/admin/admin-documentation https://docs.microsoft.com/en-us/power-apps/maker/data-platform/environmentvariables

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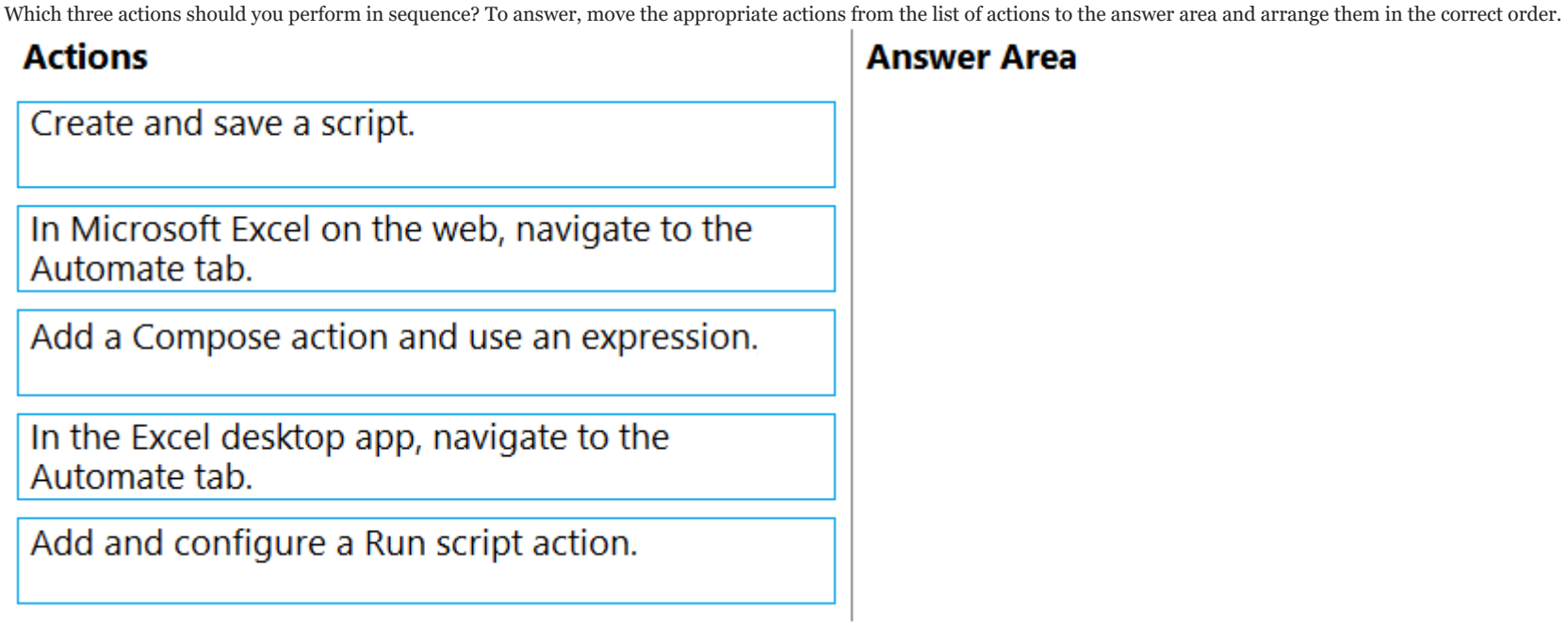
Question 19 (Topic 3)

DRAG DROP -
You are developing automation solutions for a company.
You need to use Microsoft Office scripts in a cloud flow to calculate the number of business days between two dates.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer Area

Answer :

In Microsoft Excel on the web, navigate to the Automate tab.

Add and configure a Run script action.

Create and save a script.

Step 1: In Microsoft Excel on the web, navigate to the Automate tab.
Excel Online (Business) connector
Connectors are the bridges between Power Automate and applications. The Excel Online (Business) connector gives your flows access to Excel workbooks. The "Run script" action lets you call any Office Script accessible through the selected workbook. You can also give your scripts input parameters so data can be provided by the flow, or have your script return information for later steps in the flow.
Step 2: Add and configure a Run script action
Step 3: Create and save the script.

Note: Create an Office Script -
Go to the Automate tab and select All Scripts.
Select New Script.
Replace the default script with the following script. This script adds the current date and time to the first two cells of the TutorialWorksheet worksheet. function main(workbook: ExcelScript.Workbook) {
// Get the "TutorialWorksheet" worksheet from the workbook.
let worksheet = workbook.getWorksheet("TutorialWorksheet");
// Get the cells at A1 and B1.
let dateRange = worksheet.getRange("A1");
let timeRange = worksheet.getRange("B1");
// Get the current date and time using the JavaScript Date object. let date = new Date(Date.now());
// Add the date string to A1.
dateRange.setValue(date.toLocaleDateString());
// Add the time string to B1.
timeRange.setValue(date.toLocaleTimeString());
}
Rename the script to Set date and time. Select the script name to change it.
Save the script by selecting Save Script.
Reference: https://docs.microsoft.com/en-us/office/dev/scripts/tutorials/excel-power-automate-manual

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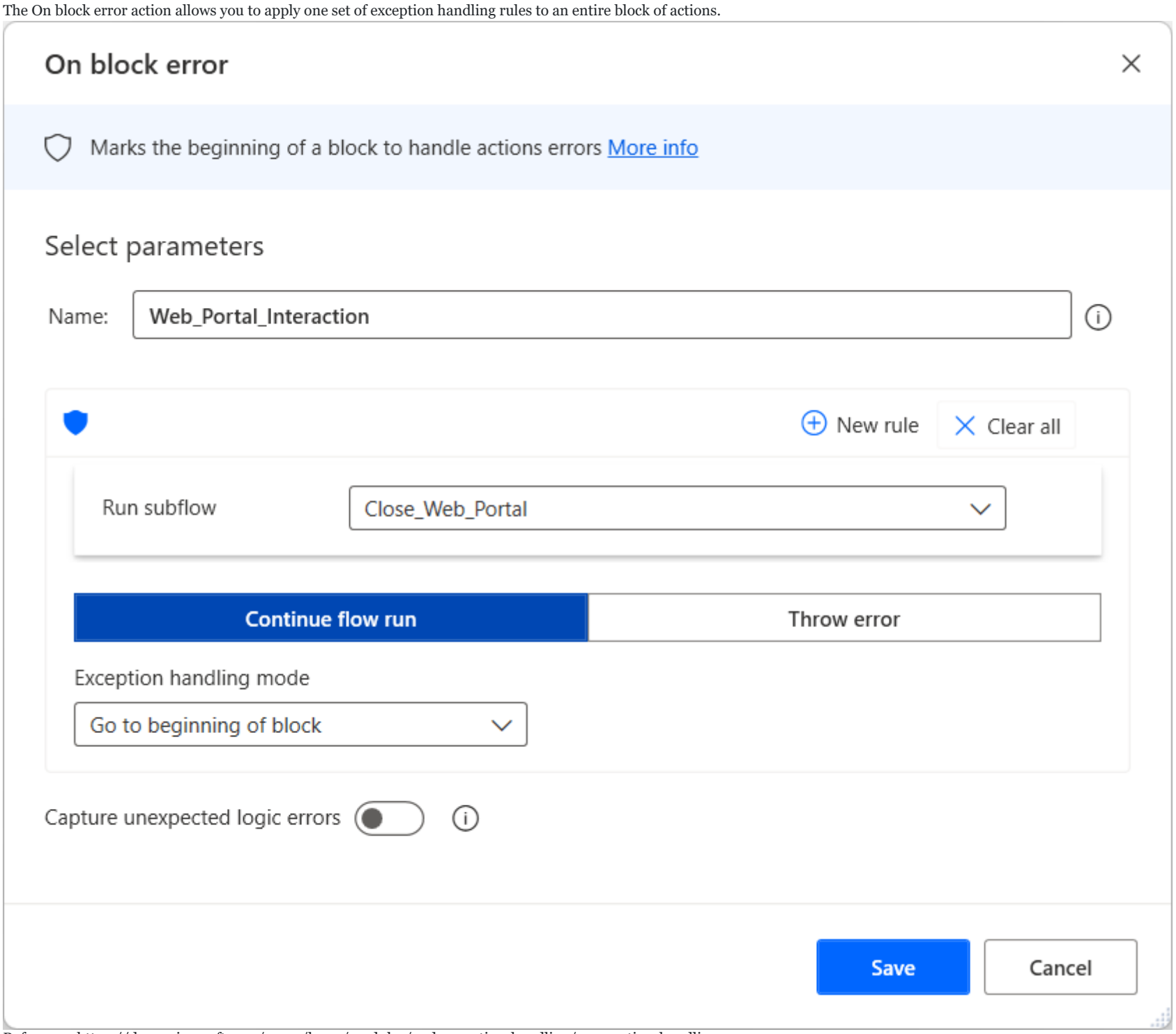
Question 20 (Topic 3)

You develop a desktop flow. The flow performs five actions in sequence.
If an error occurs, you must restart the flow from the first action. You add the five actions to an On block error action.
You need to configure error handling.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Change the exception handling mode to Go to the beginning of the block.
B. Change the exception handling mode to Go to next action.
C. Select Throw error.
D. Configure an On error condition for the first action.
E. Select Continue flow run.

Answer : AE

The On block error action allows you to apply one set of exception handling rules to an entire block of actions.



Reference: https://docs.microsoft.com/en-us/learn/modules/pad-exception-handling/3-exception-handling

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Question 21 (Topic 3)

DRAG DROP -
You are developing automation solutions for a company.
You plan to use Process advisor to gain a better understanding of business processes.
You need to select the process types to use to meet the company's requirements.
Which process types should you use? To answer, drag the appropriate process types to the correct requirements. Each process type may be used once, more than once, or not all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Process types

- Process mining
- Task mining

Answer Area

Requirement	Process type
Identify and eliminate unnecessary process tasks.	Process type
Reduce total process time.	Process type
Automate tasks that will accelerate processes and reduce human error.	Process type

Answer :

Answer Area

Requirement	Process type
Identify and eliminate unnecessary process tasks.	Task mining
Reduce total process time.	Process mining
Automate tasks that will accelerate processes and reduce human error.	Task mining

Box 1: task mining -
See below.

Box 2: process mining -

When to use process mining -
Here are some reasons to help you decide to use process mining.
See the actual steps needed to perform your organization's operation process and remove any guesswork.
* Optimize processes by reducing time to completion.
Detect non-compliant processes.
Discover automation opportunities.

Box 3: task mining -

When to use task mining -
Here are some reasons to help you decide to use task mining.
Understand what employees actually do while performing each task on their desktops.
* Identify and eliminate unnecessary actions in process tasks.
Identify the most common actions through user interactions.
Ensure compliance and perform audit.
*Automate tasks that would accelerate processes and reduce human errors.
Reference: https://docs.microsoft.com/en-us/power-automate/process-advisor-overview

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Question 22 (Topic 3)

You develop a desktop flow.
You need to debug the flow.
Which three tools can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Static results
B. Breakpoints
C. Run next action
D. Configure run after
E. Run from here

Answer : BCE

B: Debug a desktop flow -
It is common to have to debug flows in case there are any changes in the system or if a desktop flow cannot run because it contains errors.
Debug a desktop flow using the following tools:

Errors Pane -

Breakpoints -

Run flow action by action -

Set the Run delay -
C: Run, stop, and pause in flow designer
Select Run or press F5 to run the flow. When the flow runs, Run becomes Pause. Select Pause or press Ctrl + Pause while the flow is running to pause and inspect any changes up to that point. Select Run while the flow is paused to resume it. The Run next action button and the F10 shortcut run the flow action by action and pause it after each action completes. The Stop button and the Shift + F5 shortcut stop the flow completely.

E: Run from here -
To run the flow starting from a specific action, right-click the action and select Run from here. This ignores all previous actions and runs the flow from the selected action onwards.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/debugging-flow

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Question 23 (Topic 3)

HOTSPOT -
You are developing a custom connector.
You need to create the definition for the connector.

Which features should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Scenario	Feature
Define operations that users can perform.	Code / Action / Policy / Trigger
Define actions that will be invoked by events.	Code / Action / Policy / Trigger
Change the host URL for specific actions.	Code / Action / Policy / Trigger
Extract data from responses by using regex expressions.	Code / Action / Policy / Trigger

Answer :

Answer Area

Scenario	Feature
Define operations that users can perform.	Code / **Action** / Policy / Trigger
Define actions that will be invoked by events.	Code / Action / Policy / **Trigger**
Change the host URL for specific actions.	Code / Action / **Policy** / Trigger
Extract data from responses by using regex expressions.	**Code** / Action / Policy / Trigger

Box 1: Action -
Action: An action is the task that's started when a trigger is invoked. Flows can have one or many actions, depending on what's needed to complete a particular flow. With actions, you can perform operations such as Create, Update, Delete, or Assign.

Box 2: Trigger -

Box 3: Policy -
Policies can be used to modify the behavior of connectors at runtime. For example, policies are used to enforce throttling limits on API calls to route calls to different endpoints, and so on. Policies are used extensively by many of the out-of-box connectors we have today, however, they haven't been available to custom connectors. We're now making it available for custom connectors through easy to use templates.

Box 4: code -

Custom code transforms request and response payloads beyond the scope of existing policy templates. Transformations include sending external requests to fetch additional data. When code is used, it will take precedence over the codeless definition. This means the code will execute, and we will not send the request to the backend.
Reference: https://docs.microsoft.com/en-us/connectors/custom-connectors/define-blank https://docs.microsoft.com/en-us/connectors/custom-connectors/policy-templates

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Question 24 (Topic 3)

You are developing automation solutions that process sensitive employee data for a company.
You plan to implement the sensitive variables feature in Power Automate for desktop.
What are three characteristic of the sensitive variables feature? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. You can reference and manipulate variables that are marked as sense from within desktop flows.
B. You can view the value of variables marked as sensitive within desktop flow logs by using the Microsoft Power Platform admin center.
C. Sensitive variables are not visible within desktop flow logs in the Power Automate portal.
D. You can mark any variable as sensitive.
E. Only variables that are passwords can be marked as sensitive.

Answer : ACD

C, not B: Sensitive variables are not visible in the Power Automate Desktop designer during runtime and they're also not logged in the desktop flow logs.
D: Along with direct sensitive input, password fields can also accept variables that were defined earlier.
Reference: https://docs.microsoft.com/en-us/power-platform-release-plan/2021wave2/power-automate/sensitive-variables-power-automate-desktop https://docs.microsoft.com/en-us/power-platform-release-plan/2020wave2/power-automate/direct-sensitive-input-variables-or-expressions-be-used-interchangeably-some-action-fields

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Question 25 (Topic 3)

You are creating automation solutions for a company. You create a cloud flow that includes a Scope action.
What is the purpose of the Scope action?

A. Run a group of actions based on conditional input.
B. Run a group of actions based on input from a switch statement.
C. Group actions together and ensure that all actions succeed or fail as a group.
D. Terminate a flow run.

Answer : C

The Scope Action is not commonly used, but it's a super important one. Overall it doesn't change your Flow, but it provides context to your actions. Let's imagine that you have a long Flow with a lot of actions. It would be useful to group them into logical blocks. If there's an error, the scope action will display an error, and it will guide you into the "block" of failing actions.
Reference: https://manueltgomes.com/reference/power-automate-action-reference/scope-action/

Question 26 (Topic 3)

DRAG DROP -
A company has a customer relationship management (CRM) application that runs on a virtual machine (VM) in Azure.
The solution must automatically extract common invoice data from documents sent as email attachments and save the data to the company's CRM application.
You need to design the solution.
In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Create a desktop flow.
- Create an instance of the Invoice processing AI Builder model.
- Define input variables in the desktop low.
- Define the logic in the desktop flow to write data to the CRM.
- Create a cloud flow that extracts information from the model and triggers the desktop low.

Answer Area

Answer :

Answer Area

- Create a desktop flow.
- Define input variables in the desktop low.
- Define the logic in the desktop flow to write data to the CRM.
- Create an instance of the Invoice processing AI Builder model.
- Create a cloud flow that extracts information from the model and triggers the desktop low.

Reference: https://docs.microsoft.com/en-us/power-automate/use-ai-builder

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Question 27 (Topic 3)

You are designing a user interface automation that uses a Power Automate for desktop flow.
The solution must allow you to use wildcard characters including question marks and asterisks to define a window on a desktop.
You need to select the window mode for the automation.

Which window mode should you use?
A. By title and/or class
B. By variable
C. By window instance/handle
D. By window UI element

Answer : B

The UI element selectors are for DOM/document elements, not for the URL. A selector itself can include variables for "changing/dynamic" attribute values.
Reference: https://powerusers.microsoft.com/t5/Power-Automate-Desktop/Web-Page-Selector-with-wild-cards/m-p/882488#M2952

Question 28 (Topic 3)

HOTSPOT -
A company develops an automation solution.
You need to manage the flows. To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Action
You must run one specific flow from the queue after a flow which is currently running completes.	In the desktop flow queue, select move to top. In the desktop flow queue, change the priority. In the cloud flow, change the print for the desktop flow action to High.
You develop an automation. The automation must run at high priority each time it runs.	In the Desktop flow runs queue, select move to top. In the Desktop flow run queue, change the priority. In the cloud flow, change the print for the desktop flow action to High.

Answer :

Answer Area

Requirement	Action
You must run one specific flow from the queue after a flow which is currently running completes.	In the desktop flow queue, select move to top.
You develop an automation. The automation must run at high priority each time it runs.	In the Desktop flow run queue, change the priority.

Box 1: In the desktop flow queue, select move to top

Move to top -
The owner of the device or a user with administrator privileges for the machine, machine group, or gateway can override the queue priority by moving an item to the top of the queue. That item will be put at the top of the queue regardless of its original priority and queued time. If multiple runs are moved to top, the last one added will be executed first.
You can cancel moving a run to top. It will revert the run back to its original priority and queued time.
Box 2: In the Desktop flow run queue, change the priority.

Setting a priority -
The desktop flows connector actions contain a new priority parameter under the Advanced options section.
Available priorities are High and Normal (the default value). This value can also be passed dynamically using the custom value parameter. Every time the desktop flow is triggered, it will be executed with the priority that has been set.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/monitor-desktop-flow-queues

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Question 29 (Topic 3)

DRAG DROP -
You have a machine that runs an automation solution.
You need to move the machine to a different environment.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Select the new environment.	
Launch Power Automate – Machine runtime.	
Navigate to http://flow.microsoft.com/ and then select the connection.	
Launch the Power Apps Maker portal and select the machine.	
Select the existing environment.	
Select **Refresh**.	

Answer :

Answer Area

Launch the Power Apps Maker portal and select the machine.

Launch Power Automate – Machine runtime.

Select the new environment.

Update running environment for your machine
Your machine can only run desktop flows from the cloud in one environment at a time.
You can update the running environment which your machine can run desktop flows at any time from within Power Automate.
In the machine-runtime app, select Machine settings.
Under Machine running environment, select an environment in the dropdown list.
Click Save.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/manage-machines

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Question 30 (Topic 3)

HOTSPOT -
A developer creates a desktop flow.
You need to debug the flows.
Which debugging tools should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Scenario	Debugging tool
Run each action and then pause the flow after the action completes. Open the variables pane to check a value before continuing the flow.	Run delay / Find in code / Run from here / Run next action
Automatically stop the flow at a specific action.	Pause / Run delay / Stop flow / Breakpoint
Define the time that the flow pauses after running each action.	Run delay / Run from here / Run next action / Wait for process

Answer :

Answer Area

Scenario	Debugging tool
Run each action and then pause the flow after the action completes. Open the variables pane to check a value before continuing the flow.	Run delay / Find in code / Run from here / **Run next action**
Automatically stop the flow at a specific action.	Pause / Run delay / Stop flow / **Breakpoint**
Define the time that the flow pauses after running each action.	**Run delay** / Run from here / Run next action / Wait for process

Box 1: Run next action -

Run a desktop flow by action -
The Run next action button runs the flow action by action. After each action is completed, the flow is paused. Open the variables pane to check the value of any variable at the point where it's paused. This feature is useful for debugging.

Box 2: Breakpoint -

Adding breakpoints -
Click to the left of the running order number in the workspace to place a breakpoint in the flow, which appears as a red dot. Add a breakpoint to specify at which action to pause the flow. Resume running the flow by

selecting Run or Run next action. Select the breakpoint to remove it.

Box 3: Run delay -
The Run delay field defines the time that the flow waits after running each action in the flow designer. You can modify the default value to increase or decrease the milliseconds that the flow waits.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/debugging-flow#the-status-bar

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Question 31 (Topic 3)

DRAG DROP -
You create a Microsoft Power Platform solution. You create variables to define input values for the flow. You export the solution as managed and import the solution into a user acceptance testing (UAT) environment.
The flow in the UAT environment is still using the values from the development (DEV) environment.
You need to resolve the issue.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Delete the solution from the UAT environment.	
Export and reimport the solution.	
Turn the flow off and then on again.	
In the UAT environment navigate to the solution and edit the details for each environment variable.	
In the DEV environment navigate to the solution and edit the details for each environment variable.	
Select Current value and then select Remove from this solution.	
Select Current value and then select Remove from environment.	

Answer :

Answer Area
Delete the solution from the UAT environment.
In the DEV environment navigate to the solution and edit the details for each environment variable.
Select Current value and then select Remove from environment.
Export and reimport the solution.

Step 1: Delete the solution from the UAT environment.
Step 2: In the DEV environment navigate to the solution and edit the details for each environment variable.

Important -
If an environment variable from a different solution is selected, a dependency will exist on the solution containing the environment variable. Therefore, be sure to either:
Add the environment variable to your current solution prior to exporting.
Ensure the solution containing the environment variable is imported to the destination environment before your current solution is imported.
Step 3: Select Current value and then select Remove from environment
Step 4: Export and reimport the solution.
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/environmentvariables

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Question 32 (Topic 3)

DRAG DROP -
You create a solution within a Microsoft Power Platform environment. The environment includes all connections required for the solution.
You need to create a connection reference for the flows.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Within the solution, select New and then connection references.	
Select a connector to the connection references.	
Use the connection reference in the relevant cloud flows within the solution.	
Assign an exiting connection to the connection reference.	
Assign the connection reference to the relevant desktop flows within the solution.	
Within the solution, select Add Existing and then connection references.	
Create a new connection for the connection reference.	

Answer :

Answer Area

- Within the solution, select New and then connection references.
- Assign an exiting connection to the connection reference.
- Use the connection reference in the relevant cloud flows within the solution.
- Assign the connection reference to the relevant desktop flows within the solution.

Note: How do you import flow with connection references?
The Connection Reference just contain information that links the Flow/s to a Connection, the Connection itself cannot be imported into another environment.
When importing a solution with Connection References they can be bound to a new or existing Connection through the import solution wizard.
1. In Power Automate, open a Solution
2. (You can create a new “Connection Reference” by clicking “+ New” or) select an existing by clicking “+ Add existing”. Then scroll down and click “Connection Reference”.
3. You will have the option to select an existing connection (our case) or create a new connection.
4. Use a connection reference in a solution
Reference: https://docs.microsoft.com/en-us/power-platform/alm/conn-ref-env-variables-build-tools

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Question 33 (Topic 3)

DRAG DROP -
You are designing an automation that processes information from documents attached to emails.
You need to extract data from the attachments and insert the data into a custom Microsoft Dataverse table.
Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Train and publish a model.
- Use the model in a cloud flow.
- Use the model in a desktop flow.
- Create a custom form processing model.
- Create a collection and add documents to the collection.
- Add extracted data to the Microsoft Dataverse table.
- Create an object detection model.

Answer Area

Answer :

Answer Area

- Create a custom form processing model.
- Create a collection and add documents to the collection.
- Train and publish a model.
- Use the model in a cloud flow.
- Add extracted data to the Microsoft Dataverse table.

Step 1: Create a custom form processing model.
Step 2: Create a collection and add documents to the collection.

Group documents by collections -
A collection is a group of documents that share the same layout. Create as many collections as document layouts that you want your model to process.
Step 3: Train and publish a model.
After you create your document processing model, you can train, test, and publish it to make it available.
Step 4: Use the model in a cloud flow.
Step 5: Add extracted data to the Microsoft Dataverse table.
Reference: https://docs.microsoft.com/en-us/ai-builder/create-form-processing-model https://docs.microsoft.com/en-us/ai-builder/form-processing-train

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Question 34 (Topic 3)

DRAG DROP -
A company hires you to develop a solution that helps the company manage new hires. Users will enter information about the new employee into an app and the app will save the information to a database.
The app must be simple to use and must rely on a data model. You must implement a workflow that automatically notifies the IT department when new employee records are created in the database.

You need to create the solution.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Create a model-driven app.
- Create a cloud flow that is triggered when you create a new record in the Microsoft Dataverse table.
- Create a desktop flow that triggered when you create a new record in the Microsoft Dataverse table.
- Create a custom Microsoft Dataverse table to store employee data.
- Create a worksheet in Microsoft Excel to store employee data.
- Create a cloud flow that is triggered when a record is selected in the app.

Answer Area

Answer :

Answer Area

- Create a model-driven app.
- Create a custom Microsoft Dataverse table to store employee data.
- Create a cloud flow that is triggered when you create a new record in the Microsoft Dataverse table.

Step 1: Create a model-driven app.
Step 2: Create a custom Microsoft Dataverse table to store employee data.
Step 3: Create a cloud flow that is triggered when you create a new record in the Microsoft Dataverse table.
Dataverse is in the cloud, so we use a cloud flow.

Question 35 (Topic 3)

HOTSPOT -
You are developing a cloud flow.
The flow must be able to query several Azure endpoints and must use standard actions where possible.
You need to configure the flow.
Which actions should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Action
Issue POST requests to the Microsoft Graph API by using application permissions.	HTTP / HTTP with Azure AD / Send an HTTP request to SharePoint / Office 365 groups send an HTTP request
Issue GET requests to the Microsoft Graph API by using delegated permissions.	HTTP / HTTP with Azure AD / Send an HTTP request to SharePoint / Office 365 groups send an HTTP request
Issue POST requests to Office 365 Management APIs by using delegated permissions.	HTTP / HTTP with Azure AD / Send an HTTP request to SharePoint / Office 365 groups send an HTTP request
Issue GET requests to the SharePoint REST API by using delegated permissions.	HTTP / HTTP with Azure AD / Send an HTTP request to SharePoint / Office 365 groups send an HTTP request
Issue POST request to SharePoint REST API by using application permissions.	HTTP / HTTP with Azure AD / Send an HTTP request to SharePoint / Office 365 groups send an HTTP request

Answer Area

Requirement	Action
Issue POST requests to the Microsoft Graph API by using application permissions.	HTTP with Azure AD
Issue GET requests to the Microsoft Graph API by using delegated permissions.	HTTP
Issue POST requests to Office 365 Management APIs by using delegated permissions.	Office 365 groups send an HTTP request
Issue GET requests to the SharePoint REST API by using delegated permissions.	HTTP
Issue POST request to SharePoint REST API by using application permissions.	Send an HTTP request to SharePoint

Answer :

Box 1: HTTP with Azure AD -
Application permission.
Microsoft Graph has two types of permissions:
Delegated permissions are used by apps that have a signed-in user present. For these apps, either the user or an administrator consents to the permissions that the app requests and the app can act as the signed-in user when making calls to Microsoft Graph. Some delegated permissions can be consented by non-administrative users, but some higher-privileged permissions require administrator consent.
Application permissions are used by apps that run without a signed-in user present. For example, apps that run as background services or daemons.

Box 2: HTTP -
Delegated permission.
Box 3: Office 365 groups with an HTTP request
Box 4: Send an HTTP request to SharePoint
Delegated permission.

Box 5: HTTP with Azure AD -
Application permission.
Note: Delegated and application permissions
Reference: https://docs.microsoft.com/en-us/graph/auth/auth-concepts

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Question 36 (Topic 3)

A client would like you to create a custom connector.
You need to configure the connector.
Which element is required?

A. On-premises data gateway
B. Power Automate per user license
C. JSON sample for request
D. Power Automate per flow license
E. API Key

Answer : E

Specify authentication type -
There are several options available for authentication in custom connectors. The Cognitive Services APIs use API key authentication, so that's what you specify for this tutorial.
On the Security tab, under Authentication type, choose API Key.
Reference: https://docs.microsoft.com/en-us/connectors/custom-connectors/define-blank

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Question 37 (Topic 3)

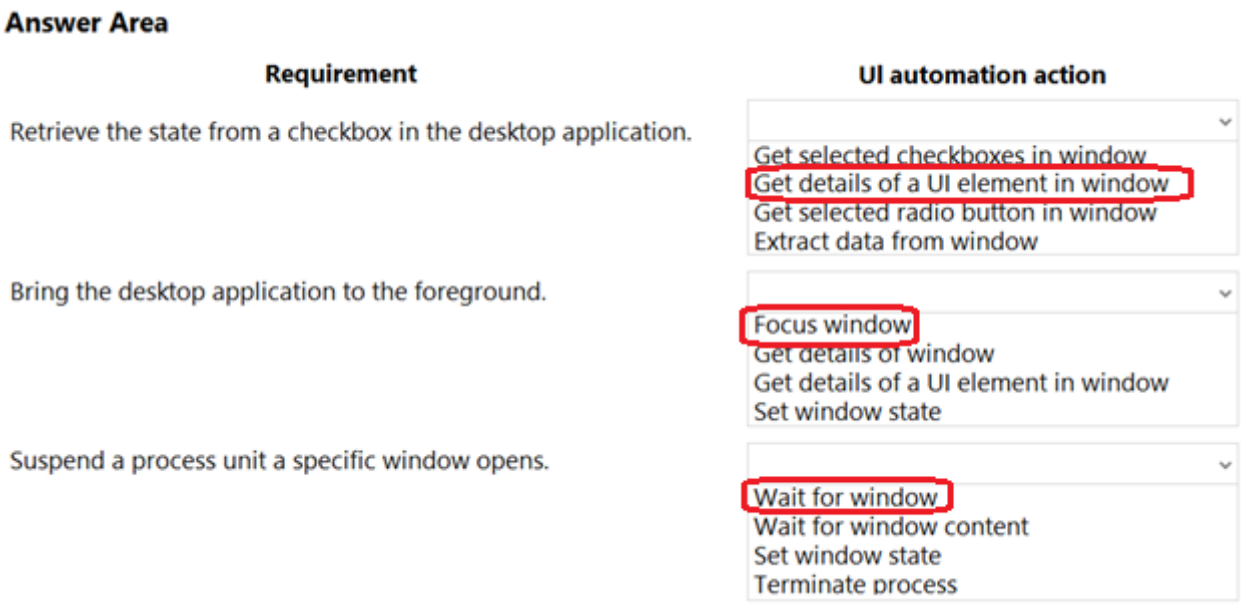
HOTSPOT -
You are designing automation solutions that interact with a desktop application.
You need to select the appropriate UI automation action for each business requirement.

Which automation action should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	UI automation action
Retrieve the state from a checkbox in the desktop application.	Get selected checkboxes in window Get details of a UI element in window Get selected radio button in window Extract data from window
Bring the desktop application to the foreground.	Focus window Get details of window Get details of a UI element in window Set window state
Suspend a process unit a specific window opens.	Wait for window Wait for window content Set window state Terminate process

Answer :



Box 1: Get details of a UI element in window
The Get details of a UI element in window action enables users to retrieve the values of various attributes that window elements may have.

Box 2: Focus window -

Focus window -
Activates and brings to the foreground a specific window

Box 3: Wait for window -
Wait for window – This action suspends the execution or the process until a specific window opens, closes, gets, or loses the focus.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/actions-reference/uiautomation

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Question 38 (Topic 3)

HOTSPOT -
You are automating a form on a website. The website uses the following HTML markup to define each field on the form:

```
<div _ngcontent-cl="" class="col s6 m6 16">
  <div class="ng-invalid ng-dirty ng-touched">
    <label>Field1</label><input ng-reflect-name="labelField1" class="ng-pristine ng-invalid ng-touched">
  </div>
</div>
```

The label for each field is unique in the form.
You need to write data to the form.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You configure the following selector: `input[ng-reflect-name="labelField1"]` The automation will add data to the form.	○	○
You configure the following selector: `div:has(label:contains("Field1")) > input` The automation will add data to the form.	○	○

You add the **Run JavaScript function on web page** action to the flow:
`function ExecuteScript() {`
`  $("div:contains('Field1') > input")`
`  .val("Field's I value")`
`}`
The action adds data to the form.
	○	○

Answer :

Answer Area

Statements	Yes	No
You configure the following selector: `input[ng-reflect-name="labelField1"]` The automation will add data to the form.	○	◉
You configure the following selector: `div:has(label:contains("Field1")) > input` The automation will add data to the form.	◉	○

You add the **Run JavaScript function on web page** action to the flow:
`function ExecuteScript() {`
`  $("div:contains('Field1') > input")`
`  .val("Field's I value")`
`}`
The action adds data to the form.
	◉	○

Box 1: No -

Box 2: Yes -
RPA challenge website is dynamic in a way that it moves the field elements every time it is loaded. But, the important to note there is that the other div of the element always contains consistent field labels ("Address", "First Name", "Company name", etc.). To target the correct element each time please customize the selector (as mentioned before) so that it looks for the field names and then the input field to populate it - for example like below:
* For Address

* First name selector: div:contains("First Name") > input
* Similarly you can change the text inside contains operator to find any input field names you want. (Role in Company, Last Name, Company Name, Email, Phone Number, etc)

Box 3: Yes -
Reference: https://powerusers.microsoft.com/t5/Power-Automate-Desktop/Dynamic-Selector-in-web-Automation/td-p/715364

Question 39 (Topic 3)

You create several desktop flows. Each flow will run on a single user's device.
You need to determine how Power Automate will orchestrate the flows.
Which three rules will Power Automate apply? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. All the flows are run simultaneously.
B. The first flow runs on the target device based on the priority and the time requested.
C. The remaining flows are queued.
D. The first flow runs on the target device based on Next to run status and time requested.
E. The next flow will run when each run completes based on the priority and the time requested.

F. The first and last flows run based on the priority and the time requested.

Answer : BCE

Run multiple desktop flows on the same device sequentially
You can schedule multiple desktop flows to run on one or more devices. If more than one desktop flow is triggered to run on the same device, Power Automate follows these rules:
The first desktop flow runs on the target device based on priority and time requested. (B)
Queues other desktop flows and then displays them as Queued. (C)
Picks the next desktop flow when each run completes based on priority and time requested, shown as Next to run. (E)
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/run-pad-flow

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Question 40 (Topic 3)

You develop automation solutions for a company.
When a new record is added to a Microsoft Dataverse table, the solution must add the contents of the record to a Microsoft Word Online (Business) template. The solution must convert the template to a PDF document and email the PDF document to a stakeholder.
You need to design the solution.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Use the Convert Word Document to PDF and Send an email actions in a cloud flow.
B. Use the Convert Word Document to PDF and Send an email actions in a desktop flow.
C. Use the Populate a Microsoft Word Online (Business) template action in a desktop flow.
D. Use the Populate a Microsoft Word Online (Business) template action in a cloud flow.
E. Create a cloud flow that uses the When a row is added or modified trigger in Microsoft Dataverse.

Answer : ADE

Word Online (Business) connector lets you work with Word files.
Add the Populate a Microsoft Word template action to your flow, and when you select that file you should see a list of all the controls that you added. Populate these fields with values you'll want to insert in the new Microsoft Word Document. Finally, you can then use the outputs of the action and send an email, save the document to another location, or any number of other actions.
Reference: https://docs.microsoft.com/en-us/connectors/wordonlinebusiness/

Question 41 (Topic 3)

DRAG DROP -
You are developing automation solutions.
You need to select solution components for each scenario.
Which solution components should you use? To answer, drag the appropriate solution components to the correct requirements. Each solution component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll view content.
NOTE: Each correct selection is worth one point.

Solution component

- Process advisor
- AI Builder
- Desktop flow
- Cloud flow
- Flow checker

Answer Area

Requirement	Solution components
Create a flow that runs on a schedule.	Solution component
Sign into website that does not have an API.	Solution component
Analyze bottlenecks in a process.	Solution component

Answer :

Answer Area

Requirement	Solution components
Create a flow that runs on a schedule.	Cloud flow
Sign into website that does not have an API.	Desktop flow
Analyze bottlenecks in a process.	Process advisor

Box 1: Cloud flow -

Run flows on a schedule -
Create a cloud flow that performs one or more tasks (such as sending a report in email).
Once a day, an hour, or a minute.
On a date that you specify.
After a number days, hours, or minutes that you specify.

Box 2: Desktop flow -

Create a desktop flow for this within Power Automate. Most of the steps you want to automate can be executed with actions from Browser Automation category.

Box 3: Process advisor -
You can reduce process bottlenecks with process advisor for Power Automate.
Reference: https://docs.microsoft.com/en-us/power-automate/run-scheduled-tasks https://docs.microsoft.com/en-us/power-automate/desktop-flows/actions-reference/webautomation
https://powerautomate.microsoft.com/en-us/blog/reduce-process-bottlenecks-with-process-advisor-for-power-automate-now-generally-available/

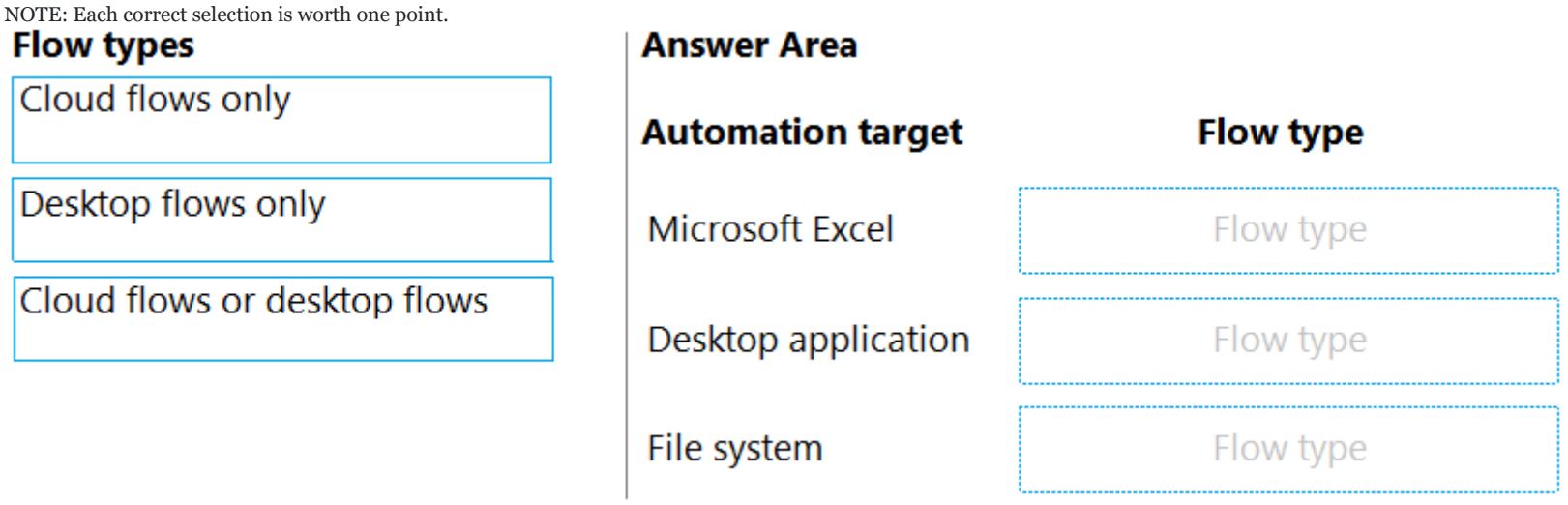
Question 42 (Topic 3)

DRAG DROP -
You are developing automation solutions for a company.
You need to select the applicable flow type to automate the following tools and technologies:

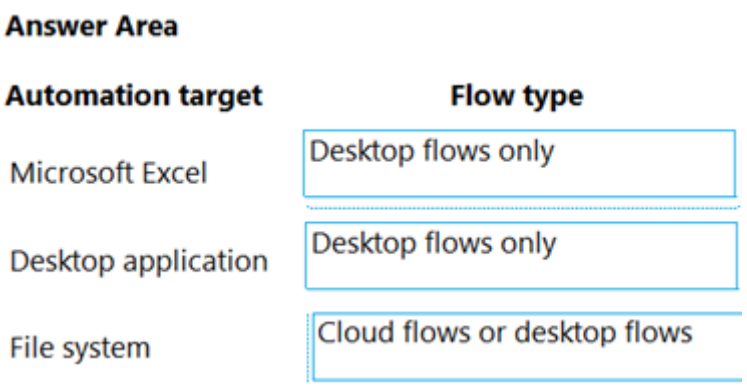
Microsoft Excel -

Desktop application -

File system -
Which flow types should you use? To answer, drag the appropriate flow types to the correct automation targets. Each flow type may be used once, more than once or not at all You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



Answer :

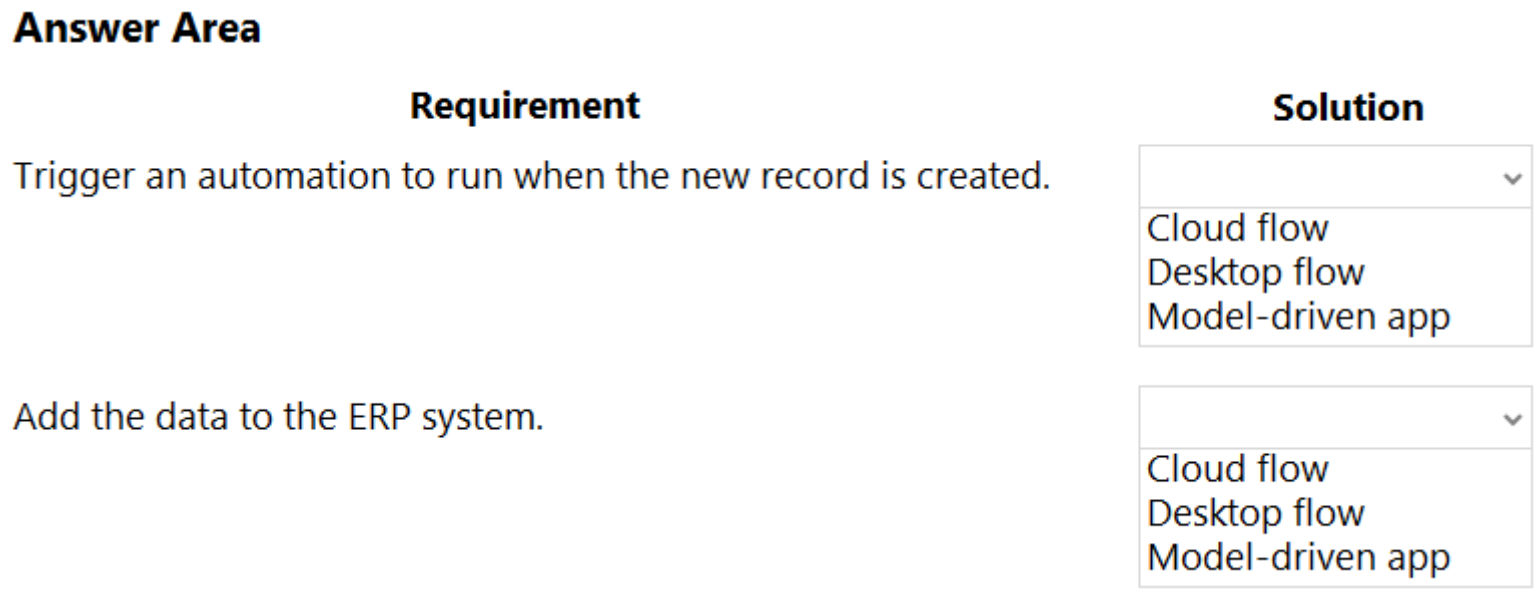


Box 1: Desktop flows only -
Microsoft Excel runs is a local desktop application.
Cloud Flows can handle Excel online which is in the cloud.

Box 2: Desktop flow only -
Box 3: Cloud flows or desktop flows.
Desktop flows can handle local file, while Cloud flows can handle SharePoint and OneDrive file systems in the cloud.
Reference: https://www.spguides.com/power-automate-copy-files/

Question 43 (Topic 3)

HOTSPOT -
You are creating an automation for a company. When a new record is created in a Microsoft Dataverse table, the automation must add the same data to an enterprise resource planning (ERP) system. The ERP system does not have an API.
You need to create the automation solution.
What should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer Area

Requirement	Solution
Trigger an automation to run when the new record is created.	Cloud flow Desktop flow Model-driven app
Add the data to the ERP system.	Cloud flow Desktop flow Model-driven app

Answer :

Box 1: Cloud flow -
Dataverse is in the cloud, so we must use a Cloud flow.

Box 2: Desktop flow -
Need a Desktop flow as the ERP runs on a local computer, and the ERP lacks an API.

Question 44 (Topic 3)

HOTSPOT -
You develop automation solutions for a company.
You need to configure variables for a cloud flow solution.
Which types of variables should you use for each type of data? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Solution
Store a list of names in JSON format.	Object Float Integer Array
Store the URL for a website.	Object String Float Integer Array
Store a date using the following pattern: yyyy-MM-dd.	Object String Float Integer Array
Store a price for product.	Object String Float Integer Array

Answer Area

Requirement	Solution
Store a list of names in JSON format.	Array
Store the URL for a website.	String
Store a date using the following pattern: yyyy-MM-dd.	String
Store a price for product.	Float

Answer :

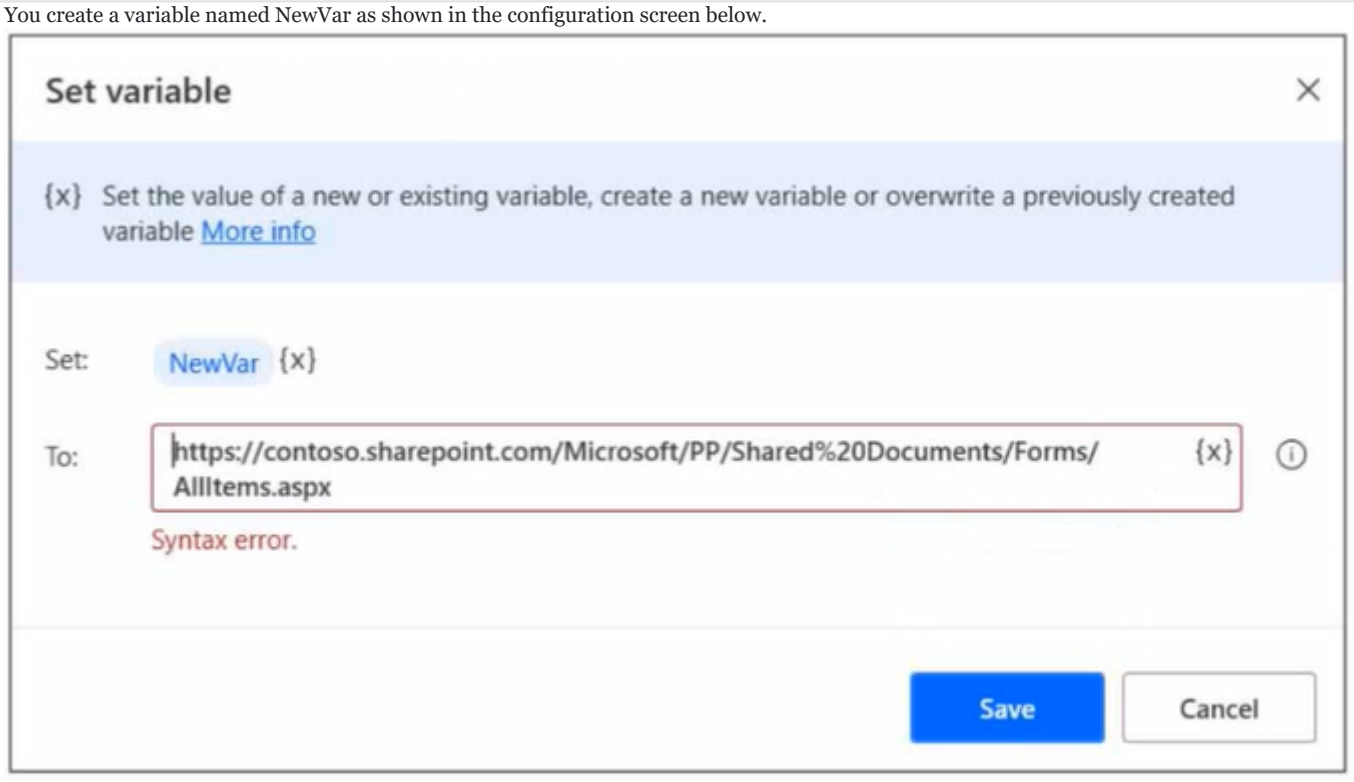
Box 1: Array -
Store a list in an array with one dimensional Array (Table).

Box 2: String -

Box 3: String -
Box 4: Float

Question 45 (Topic 4)

You create a variable named NewVar as shown in the configuration screen below.



You attempt to set the value of NewVar to the following URL:
https//contoso.sharepoint.com/Mictosoft/PP/Shared%20Documents/Forms/AllItems.aspx
The Set variable page alerts you that there is a syntax error.
You need to resolve the issue.
What should you do?

A. Escape the forward slash characters (/) with a back slash (\/).
B. Replace the percent sign (%) with two percent sings (%%).
C. Replace the forward slash characters (/) with two forward slash characters (//).
D. Escape the percent sign (%) with a back slash (\%).

Answer : B

Reference: https://powerusers.microsoft.com/t5/Power-Automate-Desktop/Parameter-Initial-URL-Syntax-error/td-p/1414360

Question 46 (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are creating a cloud flow that will use two Update Row actions to interact with Microsoft Dataverse. Neither of these actions are dependent on each other.
You must minimize the amount of processing time require to complete the flow.
You need to implement the actions in the cloud flow.
Solution: Create a parallel branch for the two Update Row actions.
Does the solution meet the goal?

A. Yes
B. No

Answer : A

There will be scenarios where we want to run two or more steps simultaneously. Microsoft provides the option of creating parallel branches in a flow so that two or more steps will execute at the same time.
Reference: https://www.spguides.com/power-automate-parallel-branch/

Question 47 (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are creating a cloud flow that will use two Update Row actions to interact with Microsoft Dataverse. Neither of these actions are dependent on each other.
You must minimize the amount of processing time require to complete the flow.
You need to implement the actions in the cloud flow.
Solution: Create a switch condition.
Does the solution meet the goal?

A. Yes
B. No

Answer : B

Solution: Create a parallel branch for the two Update Row actions.

There will be scenarios where we want to run two or more steps simultaneously. Microsoft provides the option of creating parallel branches in a flow so that two or more steps will execute at the same time.
Reference: https://www.spguides.com/power-automate-parallel-branch/

Question 48 (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are creating a cloud flow that will use two Update Row actions to interact with Microsoft Dataverse. Neither of these actions are dependent on each other.
You must minimize the amount of processing time require to complete the flow.
You need to implement the actions in the cloud flow.
Solution: Create two sequential Update Row actions.
Does the solution meet the goal?

A. Yes
B. No

Answer : B

Solution: Create a parallel branch for the two Update Row actions.
There will be scenarios where we want to run two or more steps simultaneously. Microsoft provides the option of creating parallel branches in a flow so that two or more steps will execute at the same time.
Reference: https://www.spguides.com/power-automate-parallel-branch/

Question 49 (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a solution for a medical practice. The solution must use an artificial intelligence (AI) model to evaluate medical X-ray images and detect broken bones.
You need to create the AI model for the solution.
Solution: Use Azure machine learning to create the model.
Does the solution meet the goal?

A. Yes
B. No

Answer : B

Solution: Use Azure Computer Vision to create the model.
What we need is an AI Vision service. By using Vision services, we can identify and analyze content within images, videos, and digital ink.
Medical computer vision use cases based on X-rays, CTs, MRI, microscopy or other imaging techniques are of particular importance. Given training data in sufficient quality and volume, algorithms can spot

anomalies reliably, sometimes even outperforming medical professionals.
Reference: https://medium.com/chenjd-xyz/keep-learning-keep-growing-how-to-use-azure-ai-for-chest-x-ray-diagnosis-62828922a1a4 https://towardsdatascience.com/medical-imaging-with-azure-machine-learning-b5acfd772dd5

Question 50 (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a solution for a medical practice. The solution must use an artificial intelligence (AI) model to evaluate medical X-ray images and detect broken bones.
You need to create the AI model for the solution.
Solution: Use Azure Computer Vision to create the model.
Does the solution meet the goal?

A. Yes
B. No

Answer : A

What we need is an AI Vision service. By using Vision services, we can identify and analyze content within images, videos, and digital ink.
Medical computer vision use cases based on X-rays, CTs, MRI, microscopy or other imaging techniques are of particular importance. Given training data in sufficient quality and volume, algorithms can spot anomalies reliably, sometimes even outperforming medical professionals.
Reference: https://medium.com/chenjd-xyz/keep-learning-keep-growing-how-to-use-azure-ai-for-chest-x-ray-diagnosis-62828922a1a4 https://towardsdatascience.com/medical-imaging-with-azure-machine-learning-b5acfd772dd5

Question 51 (Topic 5)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a solution for a medical practice. The solution must use an artificial intelligence (AI) model to evaluate medical X-ray images and detect broken bones.
You need to create the AI model for the solution.
Solution: Use AI Builder to create the model.
Does the solution meet the goal?

A. Yes
B. No

Answer : B

Solution: Use Azure Computer Vision to create the model.
What we need is an AI Vision service. By using Vision services, we can identify and analyze content within images, videos, and digital ink.
Medical computer vision use cases based on X-rays, CTs, MRI, microscopy or other imaging techniques are of particular importance. Given training data in sufficient quality and volume, algorithms can spot anomalies reliably, sometimes even outperforming medical professionals.
Reference: https://medium.com/chenjd-xyz/keep-learning-keep-growing-how-to-use-azure-ai-for-chest-x-ray-diagnosis-62828922a1a4 https://towardsdatascience.com/medical-imaging-with-azure-machine-learning-b5acfd772dd5

Question 52 (Topic 5)

DRAG DROP -
A company has a business-critical desktop flow that runs on a single machine. The number of daily runs for the flow has significantly increased recently.
Users report that the time required for the flow to complete is no longer acceptable.
You need to scale the solution.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Update the cloud flow connection.	
Provision new machines and install Power Automate for desktop on each machine.	
Create a new group in the Power Automate portal and add all machines to the group.	
Launch the Power Automate machine runtime on one machine and add the machine to a group.	
Create a new connection in the cloud flow to use the fist machine from the group which will be used as the orchestrator.	
Sign into a machine and launch the Power Automate portal. Add the current machine to an existing group.	
Launch Power Automate for desktop on one machine and add the machine to a group.	
Sign into every other machine and add the machine to the group.	

Answer :

Answer Area

Provision new machines and install Power Automate for desktop on each machine.

Sign into a machine ana launch the Power Automate portal. Add the current machine to an existing group.

Sign into every other machine and add the machine to the group.

Update the cloud flow connection.

Step 1: Provision new machines and install Power Automate for desktop on each machine.
Need Power Automate for desktop on the machines.
Step 2: Sign into a machine and launch the Power Automate portal. Add the current machine to the existing group.

Create a machine group -
Machine groups can either be created from the Power Automate machine runtime app or from the Power Automate portal

Add your machine to a group -
You will need at least one machine in your group to run desktop flows.
Note: Machine groups allow you to organize multiple machines together to help distribute your automation workload and optimize productivity. Desktop flows can be assigned to a given machine group and then will be queued to it when triggered to run. When a machine in the group is available, it will be assigned the next desktop flow to be executed in the queue.
Step 3: Sign into every other machine and add the machine to the group.
Step 4: Update the cloud flow connection.
Edit your cloud flow or create a new cloud flow.
To connect to your machine, you will continue to use the existing desktop flows connector. You just need to specify your connection option (directly to machine or using an on-premises data gateway) then select your machine from the list and sign in as usual.
Trigger a desktop flow to run on your machine group

Question 53 (Topic 5)

HOTSPOT -
You develop automation solutions for a company.
You need to package the solutions.
What should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Solution type
Share the solution with a colleague who uses a personal development environment.	managed / unmanaged
Deploy the final solution to a production environment and prevent further development.	managed / unmanaged

Answer :

Answer Area

Requirement	Solution type
Share the solution with a colleague who uses a personal development environment.	managed / unmanaged
Deploy the final solution to a production environment and prevent further development.	managed / unmanaged

Box 1: unmanaged -
Unmanaged solutions are used in development environments while you make changes to your application. Unmanaged solutions can be exported either as unmanaged or managed. Exported unmanaged versions of your solutions should be checked into your source control system. Unmanaged solutions should be considered your source for Microsoft Power Platform assets. When an unmanaged solution is deleted, only the solution container of any customizations included in it is deleted. All the unmanaged customizations remain in effect and belong to the default solution.

Box 2: managed -
Managed solutions are used to deploy to any environment that isn't a development environment for that solution. This includes test, UAT, SIT, and production environments. Managed solutions can be serviced independently from other managed solutions in an environment.
Reference: https://docs.microsoft.com/en-us/power-platform/alm/solution-concepts-alm

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Question 54 (Topic 5)

You develop a Microsoft Power Platform solution for a client.
You must test the solution in a user acceptance testing (UAT) environment before deploying the solution to production. You must ensure that the configurations for the UAT and production environments are identical. You must minimize administrative effort.
You need to ensure that the environments are identical.
Which Microsoft Power Platform feature should you use?

A. Edit environment properties
B. Reset environment
C. Restore environment
D. Move environment
E. Copy environment

Answer : E

You can use Copy environment in the Microsoft Power Platform admin center to copy the customer engagement apps (Dynamics 365 Sales, Dynamics 365 Customer Service, Dynamics 365 Field Service, Dynamics 365 Marketing, and Dynamics 365 Project Service Automation), and all data between environments. You can select two levels of copy: Everything or Customizations and schemas only.
Reference: https://docs.microsoft.com/en-us/power-platform/admin/copy-environment

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Question 55 (Topic 5)

You are preparing to share a desktop flow.
You need to share the flow with another user.
Which two methods can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Create a managed solution that contains the desktop flow and share the solution with another use.
B. Share the desktop flow by using the Microsoft Power Platform admin center.
C. Share the desktop flow by using the Power Automate portal. Grant the user permissions to access the flow.
D. Export a solution that contains the desktop flow and provide the solution to the user.

Answer : CD

If you've signed in with an organization premium account, you can choose one of the following methods:
1. Share the desktop flow directly through the Power Automate portal.
To share a desktop flow with other users in your organization, give them specific permissions to access the flow.
2. Export a solution that contains the desktop flow.
To move a desktop flow from one environment to another, host it in a solution.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/how-to/share-export-desktop-flows

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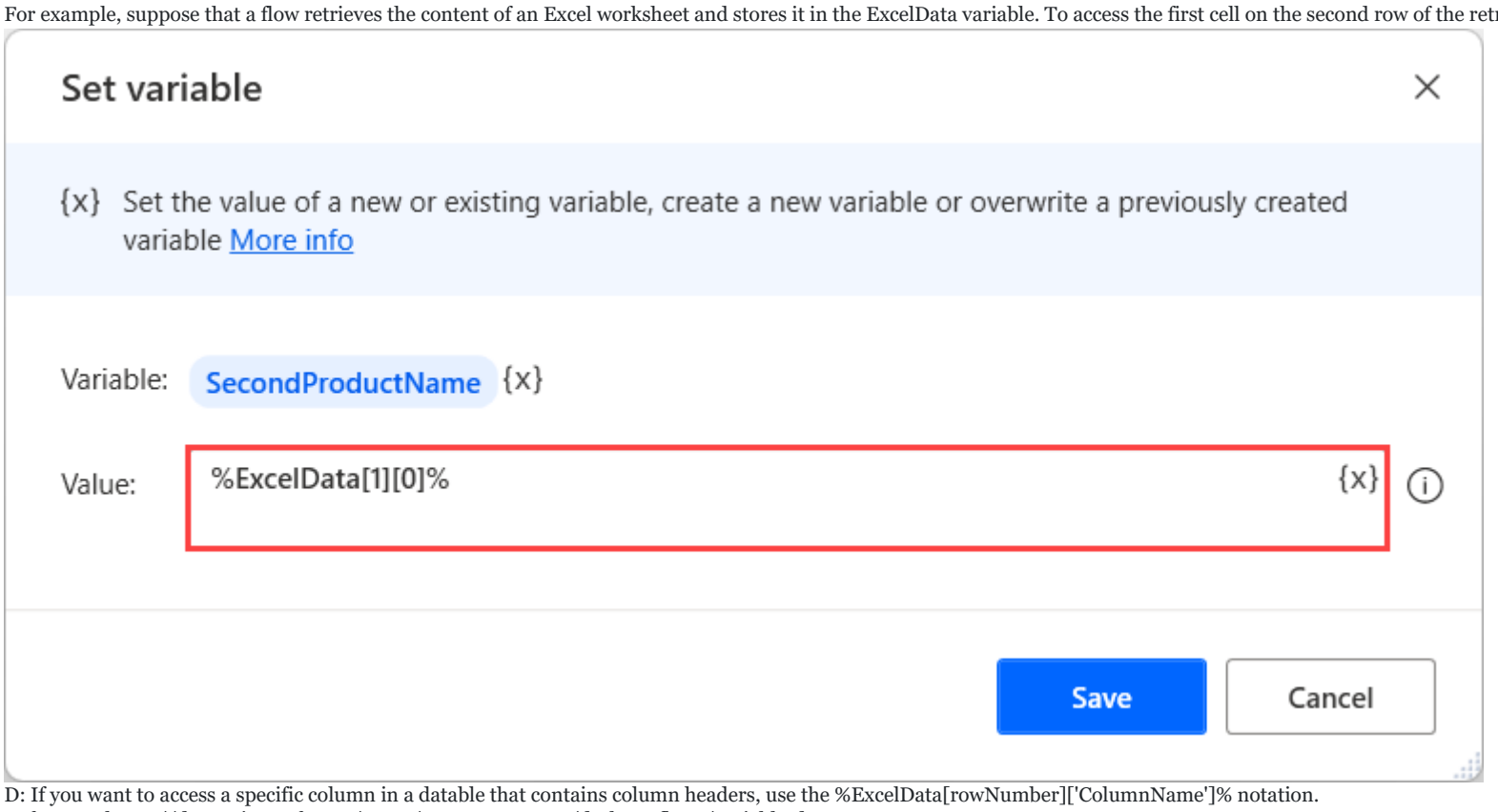
Question 56 (Topic 5)

You are developing a desktop flow that reads data from a table in a Microsoft Excel workbook.
You need to read the cell in the fourth row and first column of the table.
Which two expressions can you use? Each correct answer presents a complete solution.
NOTE: Each correct answer is worth one point.

A. %ExcelData[1][4]%
B. %ExcelData[4][0]%
C. %ExcelData['Column1'][4]%
D. %ExcelData[4]['Column1']%

Answer : BD

B: To retrieve a specific item of a datatable, use the following notation: %VariableName[RowNumber][ColumnNumber]%. Keep in mind that the RowNumber and the ColumnNumber should be 0 for the first item (row or column).
For example, suppose that a flow retrieves the content of an Excel worksheet and stores it in the ExcelData variable. To access the first cell on the second row of the retrieved table, use the expression displayed below.



D: If you want to access a specific column in a datable that contains column headers, use the %ExcelData[rowNumber]['ColumnName']% notation.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/variable-data-types

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Question 57 (Topic 5)

HOTSPOT -
A company has a customer relationship management (CRM) app installed on a machine.
Each month an employee signs into the machine by using their Azure Active Directory (Azure AD) account to generate a financial statement for each account in a list of accounts. The list of accounts is stored in Microsoft Dataverse. The employee must send each customer their statements by using Office 365 Outlook.
You need to develop a solution to automate the task.

Which components should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Action
Trigger the solution using a schedule.	Create a cloud flow that uses a manual trigger. Create a cloud flow that uses a schedule trigger. Create a desktop flow and use Windows Task Scheduler to trigger it. Create a desktop flow and trigger it manually.
Access the list of accounts.	Use the Relate rows action in a cloud flow. Use the List rows action in a cloud flow. Use the List rows present in a table action in a cloud flow. Use the Get a row action in a cloud flow.
Launch the CRM app.	Use the Start service action in a desktop flow. Use the Run application action in a desktop flow. Use the Run a flow built with Power Automate for desktop action in a cloud flow. Use the Run desktop flow action in a desktop flow.
Generate a statement for each account.	Use the Apply to each action in a cloud flow. Use the For each action in a desktop flow. Use the Next loop action in a desktop flow. Use the Go to action in a desktop flow.
Send an email with an attachment.	Use the Send email action in a desktop flow. Use the Send an email action in a cloud flow. Use the Send Exchange email message action in a desktop flow. Use the Send email message through Outlook action in a desktop flow.

Answer :

Answer Area

Requirement	Action
Trigger the solution using a schedule.	Create a cloud flow that uses a manual trigger. Create a cloud flow that uses a schedule trigger. Create a desktop flow and use Windows Task Scheduler to trigger it. Create a desktop flow and trigger it manually.
Access the list of accounts.	Use the Relate rows action in a cloud flow. Use the List rows action in a cloud flow. Use the List rows present in a table action in a cloud flow. Use the Get a row action in a cloud flow.
Launch the CRM app.	Use the Start service action in a desktop flow. Use the Run application action in a desktop flow. Use the Run a flow built with Power Automate for desktop action in a cloud flow. Use the Run desktop flow action in a desktop flow.
Generate a statement for each account.	Use the Apply to each action in a cloud flow. Use the For each action in a desktop flow. Use the Next loop action in a desktop flow. Use the Go to action in a desktop flow.
Send an email with an attachment.	Use the Send email action in a desktop flow. Use the Send an email action in a cloud flow. Use the Send Exchange email message action in a desktop flow. Use the Send email message through Outlook action in a desktop flow.

Box 1: Create a cloud flow that uses a schedule trigger
Incorrect:
* Create a desktop flow and use Windows Task Scheduler to trigger it.
There is no way for you to do that and I don't think Microsoft will support this in the future. Because you have to use Power Automate on Cloud as the orchestrator for triggering manually or schedule it from there.
You can't do that from a task scheduler.
Box 2: Use the Get a row action in a cloud flow.
The list of accounts is stored in Microsoft Dataverse.
Use the Get a row by ID action to retrieve data from Microsoft Dataverse. This action helps you retrieve the columns of a specific row when its unique ID is known.
Box 3: Use the Run application action in a desktop flow.
Desktop flows, Power Automate run desktop application

Run application -
Executes an application or opens a document by executing the associated application
Box 4: Use the For each action in a desktop flow.

For each loop -
The For each loop iterates through a list (or data table) and stores the current item in a variable. Its primary purpose is to get each item of a list (or row of a data table) and use it in other actions.
Box 5: Use the Send email action in a Desktop flow
The employee must send each customer their statements by using Office 365 Outlook.

The Desktop flow Send email action creates and sends a new email message
Reference: https://powerusers.microsoft.com/t5/Power-Automate-Desktop/How-to-run-a-desktop-flow-from-windows-task-scheduler/td-p/844992 https://docs.microsoft.com/en-us/power-automate/dataverse/get-row-id https://docs.microsoft.com/en-us/power-automate/desktop-flows/use-loops

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Question 58 (Topic 5)

You have a flow that interacts with different SharePoint sites. You add the flow to a solution.
You redeploy the solution to production each time you make a change to the flow. You do not want to change the SharePoint site URL every time you redeploy the solution.
You need to configure the solution.
Which solution component should you use?

A. Connection reference
B. Web resource
C. Managed identity
D. Environment variable

Answer : A

Use a connection reference in a solution
A connection is a proxy or a wrapper around an API that allows the underlying service to talk to Microsoft Power Automate, Microsoft Power Apps, and Azure Logic Apps. It provides a way for users to connect their accounts and use a set of pre-built actions and triggers to build their apps and workflows.
A connection reference is a solution component that contains information about a connector. Both canvas app and operations within a Power Automate flow bind to a connection reference. You can import your connection reference into a target environment with no further configuration needed after the import completes. To change a specific connection associated with a canvas app or flow, you edit the connection reference component within the solution.
Incorrect:
Not B: Web resources are virtual files that are stored in the Microsoft Dataverse database and that you can retrieve by using a unique URL address.
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/create-connection-reference

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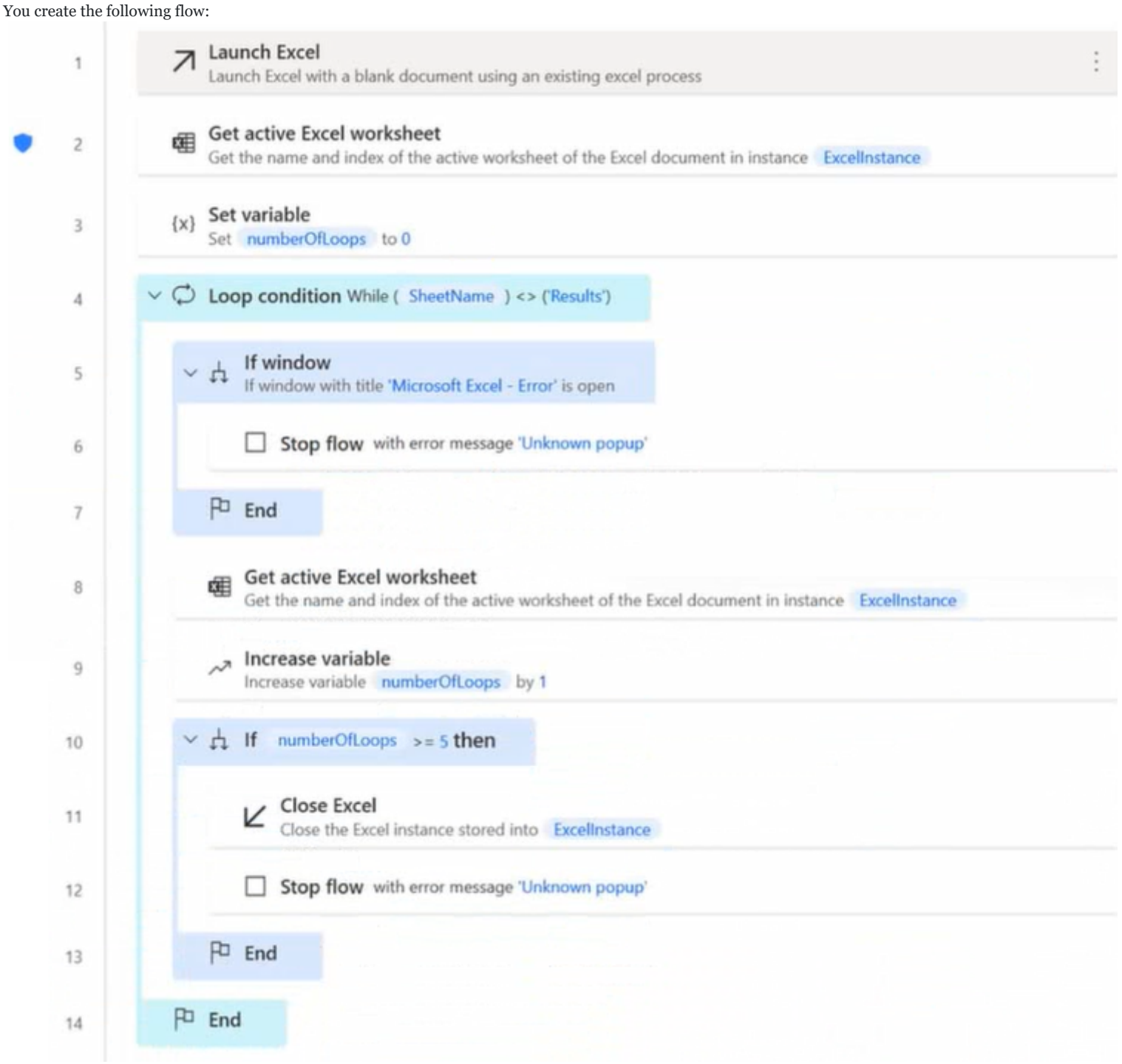
Question 59 (Topic 5)

HOTSPOT -
You create the following flow:



Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

Questions	Response
What does the icon to the left of line 2 represent?	There is a breakpoint in the code. The action processes sensitive data. The action includes action-level error handling.
When will the loop condition at line 4 initialize?	When the name of the active Excel worksheet is Results. When the name of the active Excel worksheet is anything other than Results.
At which point will the flow stop?	A user opens another Excel window on their desktop. The number of iterations through the loop equals or exceeds five.

Answer Area

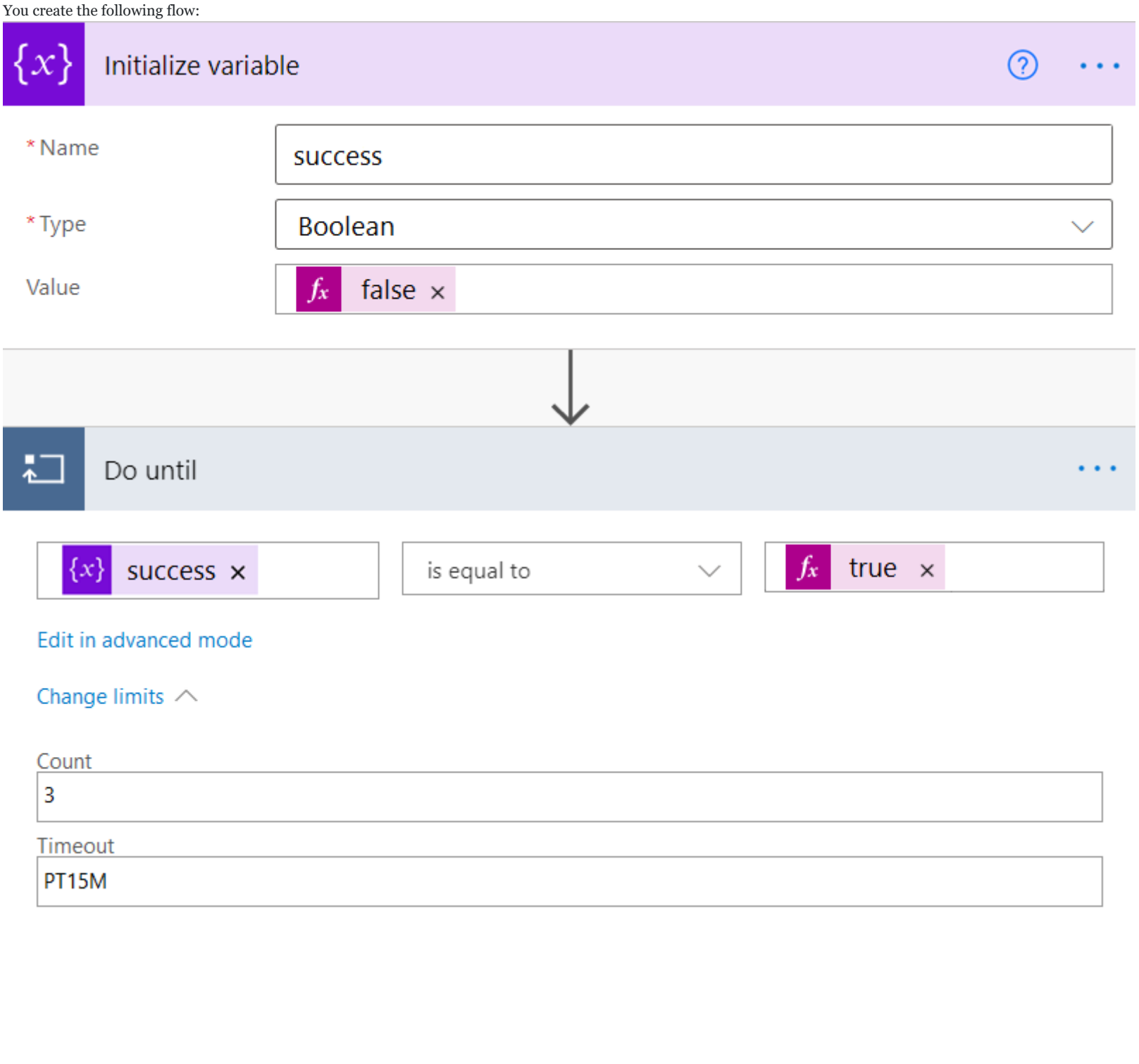
Questions	Response
What does the icon to the left of line 2 represent?	There is a breakpoint in the code. The action processes sensitive data. The action includes action-level error handling.
When will the loop condition at line 4 initialize?	When the name of the active Excel worksheet is Results. When the name of the active Excel worksheet is anything other than Results.
At which point will the flow stop?	A user opens another Excel window on their desktop. The number of iterations through the loop equals or exceeds five.

Answer :

Box 1: The action processes sensitive data.
Box 2: When the name of the Active Excel worksheet is anything other than Results.
Box 3: The number of iterations through the loop equals or exceeds five.

Question 60 (Topic 5)

HOTSPOT -
You create the following flow:

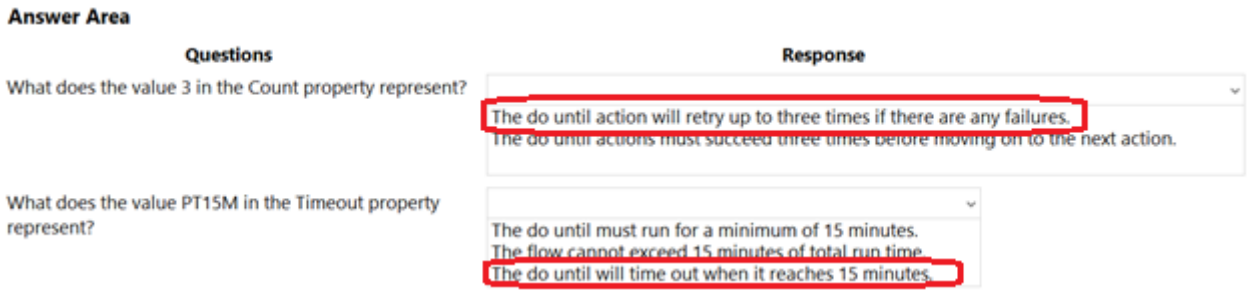


Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

Questions	Response
What does the value 3 in the Count property represent?	The do until action will retry up to three times if there are any failures. The do until actions must succeed three times before moving on to the next action.
What does the value PT15M in the Timeout property represent?	The do until must run for a minimum of 15 minutes. The flow cannot exceed 15 minutes of total run time. The do until will time out when it reaches 15 minutes.

Answer :



Box 1: The do until will retry up to three times if there are any failures.
Box 2: The do until will time out when it reaches 15 minutes.

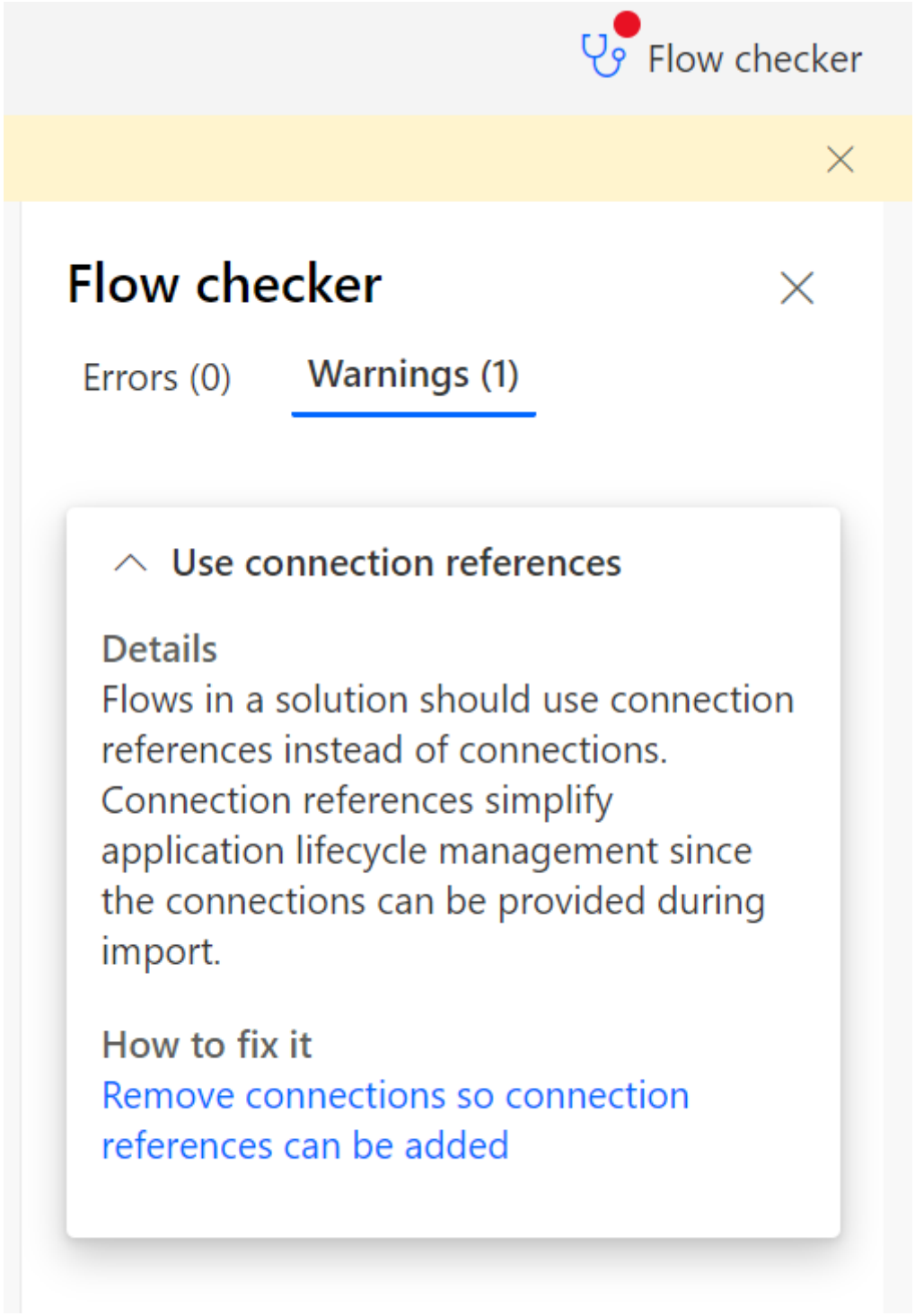
Question 61 (Topic 5)

You must create new flows within a solution and import exiting flows into the solution.
You need to configure the solution.
Which three actions can you perform? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Create the flows within the solution to automatically create connection references.
B. Select connections for connection references when you import solutions into an environment.
C. Add an existing connection reference into the solution in the same environment.
D. Add credential information to each connection reference.
E. Modify each trigger and action when you add a flow into the solution to use connection references instead of connections.

Answer : ABE

E: After importing the flow it doesn't automatically use connection reference (yet). Microsoft created a way to use connection references instead of just connections.
The way to do this is behind the "Flow Checker" part. If you open the flow checker, you should see something like this:



When clicking on the blue link "Remove connections so connection references can be added", the flow will be changed so that it uses connection references.
Note: A connection reference is a solution component that contains information about a connector. Both canvas app and operations within a Power Automate flow bind to a connection reference. You can import your connection reference into a target environment with no further configuration needed after the import completes.
Reference: https://www.inspiribytes.com/power-automate/importing-existing-flow-into-solution/

Question 62 (Topic 5)

DRAG DROP -
You plan to create a Microsoft Visio process diagram.
You need to create the diagram and then export the diagram as a Power Automate flow.
Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Map shapes to flow actions.
- Create the diagram by using standard flowchart shapes.
- Select **Prepare to Export** in the toolbar
- Name the flow and select **Create Flow**.
- Select **Export to Flow**.
- Create the diagram by using BPMN shapes.

Answer Area

Answer Area

Create the diagram by using BPMN shapes.

Select **Prepare to Export** in the toolbar

Answer : Map shapes to flow actions.

Select **Export to Flow**.

Name the flow and select **Create Flow**.

Step 1: Create diagram by using BPMN shapes.
From the list of Visio templates, select Basic Flow BPMN Diagram.
Prepare to export your workflow to Power Automate
Follow these steps to prepare your workflow so that you can export it to Power Automate.
1.Select the Process tab.
2.Select Prepare to Export from the Power Automate group of icons. (Step 2)
3.On the Flow Mapping tab of the Prepare to Export group, map your BPMN diagram to Power Automate controls. (Step 3)
4.On the Triggers and Actions tab of the Prepare to Export group, select each shape, and then select either a trigger or an action to map your BPMN diagram to Power Automate triggers and actions. This mapping is to represent that shape in Power Automate.

Export your workflow -
1. Select the Export to Flow button to export your workflow diagram to Power Automate. (Step 4)
2.Name your flow and then select the Create flow button. (Step 5)
Reference: https://docs.microsoft.com/en-us/power-automate/visio-flows

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Question 63 (Topic 5)

HOTSPOT -
You create an environment for a company.
You need to configure security to meet the company's requirements and follow the principle of least privilege.
Which security roles should you assign? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Security role
A user must be able to register new machines in the environment.	Environment Maker Desktop Flows Machine Owner
A user must be able to share their machine with another user.	Environment Maker Desktop Flows Machine User Desktop Flows Machine User Can Share
A user must be able to run desktop flows on a registered machine.	Environment Maker Desktop Flows Machine User Desktop Flows Machine User Can Share
A user must be able to create a machine group and add machines to the machine group.	Environment Maker Desktop Flows Machine User Desktop Flows Machine Owner

Answer :

Answer Area

Requirement	Security role
A user must be able to register new machines in the environment.	Environment Maker Desktop Flows Machine Owner
A user must be able to share their machine with another user.	Environment Maker Desktop Flows Machine User Desktop Flows Machine User Can Share
A user must be able to run desktop flows on a registered machine.	Environment Maker Desktop Flows Machine User Desktop Flows Machine User Can Share
A user must be able to create a machine group and add machines to the machine group.	Environment Maker Desktop Flows Machine User Desktop Flows Machine Owner

Box 1: Environment Maker -
Users will need either an Environment Maker or Desktop Flow Machine Owner role to register machines. Before registering a machine, make sure that you have the required permissions, and there is an available environment to register the new machine.
Box 2: Desktop Flows Machine User Can Share
There are two levels of permissions that you can use when managing access to your machine:
Co-owner. This access level gives full permissions to that machine. Co-owners can run desktop flows on the machine, share it with others, edit its details, and delete it.
User. This access level only gives permission to run desktop flows on the machine. No edit, share, or delete permissions are possible with this access.
Box 3: Desktop Flows Machine User
User. This access level only gives permission to run desktop flows on the machine. No edit, share, or delete permissions are possible with this access.
Box 4: Desktop Flows Machine Owner
Note:
Environment admins can also restrict machine registration to a specific set of users by using the three security roles that come with machine management.

Actions	Desktop Flows Machine Owner	Desktop Flows Machine User	Desktop Flows Machine User Can Share
Register a machine	X		
Run a desktop flow	X	X	X
Share a machine	X		X
Share a machine group	X		X
Add machine to group	X		
Edit machine details	X		

Incorrect: The Environment Maker role can create resources within an environment including apps, connections, custom connectors, gateways, and flows using Power Automate.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/manage-machines

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Question 64 (Topic 5)

You have an automation solution that uses a desktop flow. The flow reads data from a file that is stored on a user's machine and writes the data to an application. You import the solution to an environment that is connected to another user's machine.
The user reports that the flow fails. An alert indicates that the path to a file does not exist. You confirm that the file present on the user's desktop.
You need to resolve the issue.
What should you do?

A. Use the Get Windows environment variable action to read the USERNAME environment variable and use the value in the path to the user's desktop.
B. Change access rights for the file to allow read operations for the PAD process.
C. Move the file to the user's OneDrive storage.
D. Change the access rights for the file to allow read operations for the current user.

Answer : A

Windows has a built-in feature called Environment variables that allows people to store data that can be used by applications. The Microsoft documentation describes Environment variables as: "store information about the operating system environment. This information includes details such as the operating system path, the number of processors used by the operating system, and the location of temporary folders."
When it comes to automation, there is naturally a need to manage configuration such as file paths. We can use Environment variables to store locations that we can access from Power Automate Desktop.
Reference: https://www.serverlessnotes.com/docs/using-windows-environment-variables

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Question 65 (Topic 5)

DRAG DROP -
You are editing a cloud flow in the Power Automate flow designer.
You need to resubmit the most recent trigger.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Select **Save and Test**.	
Select the run you want to resubmit.	
Select **With a recently used trigger**.	
Select **Manually**.	
Select **Resubmit**.	
Select **Test**.	
Select **Automatically**.	

Answer :

Answer Area

Select the run you want to resubmit.

Select **Test**.

Select **Automatically**.

Select **With a recently used trigger**.

Select **Save and Test**.

Step 1: Select the run you want to resubmit.

A QUICKER WAY TO TEST FLOWS -
If you would like to re-test a Flow which has failed, you do not need to spend time re-creating the records to trigger it again. Instead, you can use the Test option to automatically trigger it. This will save you a lot of time when trying to fix issues.

Open the Flow > Click Test -
Select Automatically > Select 'With a recently used trigger' > Select one of the Failed triggers > Click Save & Test.
Step 2: Select Test.
Step 3: Select Automatically.
Step 4: Select With a recently used trigger.
Step 5: Select save and test.
Reference: https://blog.magnetismsolutions.com/blog/harshaniperera/2021/07/08/10-tips-for-beginner-power-automate--microsoft-flow--users

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Question 66 (Topic 5)

You create an unattended Office 365 automation.
The automation stops running.
You suspect that the runtime identity used by the automation caused the automation to stop running.
Which two issues can the runtime identity cause in this scenario? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. The location of a specific user interface element has changed.
B. The automation is attempting to open files that cannot be opened or edited based on per-user access permissions.
C. The unattended automation process suppressed an alert that was generated.
D. The automation is not set up to handle an additional sign-in UI element.

Answer : BD

Office applications require a user identity when the applications are run, even when the application is started via automation. This user identity can cause any or all of the following:
(D) The presence of additional sign-in UI that must be handled.
(B) Files that cannot be opened and/or edited based on per-user access permissions.
Unexpected changes to the metadata of the file (for example, certain file properties will be updated based on the identity of the user identity of the automated application instance).
Various approaches can help to mitigate these issues; for example, running the Document Inspector to remove metadata. Consider whether these approaches are appropriate based on your scenario.
Reference: https://docs.microsoft.com/en-us/office/client-developer/integration/considerations-unattended-automation-office-microsoft-365-for-unattended-rpa

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Question 67 (Topic 5)

You are creating a solution that will use a Choice field for approvals.
You need to ensure that other users can use the Choice field with their Microsoft Dataverse tables.
What should you use?

A. Global choice
B. Local choice
C. Environment variable

Answer : A

You can create and edit global choices for Microsoft Dataverse using solution explorer.
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/create-edit-global-option-sets-solution-explorer

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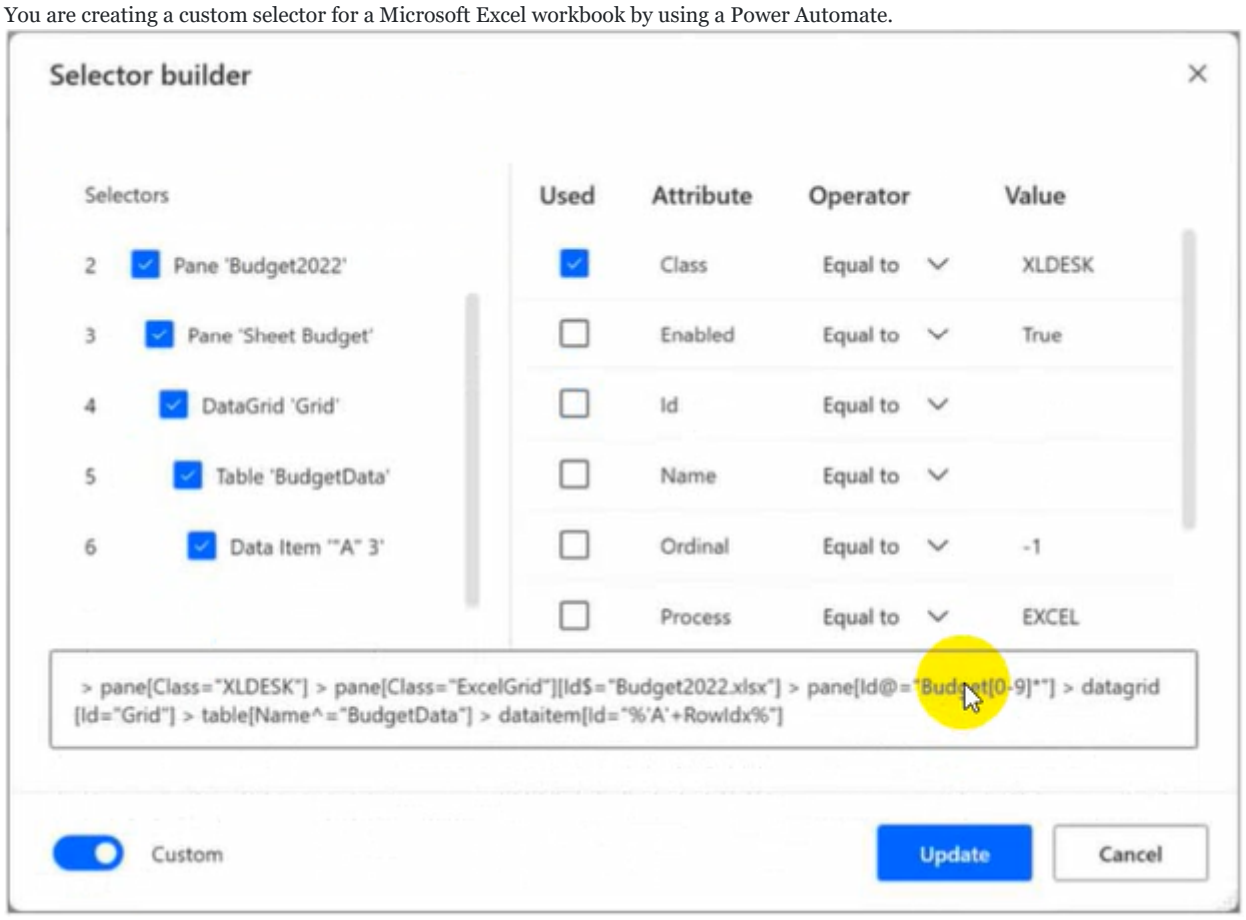
Question 68 (Topic 5)

HOTSPOT -
You are creating a custom selector for a Microsoft Excel workbook by using a Power Automate.



Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

Questions	Response
A user accidentally changes the name of the Microsoft Excel file to **Final_Budget2022.xlsx**. Will the selector still work?	Yes / No
A Microsoft Excel file contains a worksheet with the name **Budget**. Will the selector be able to find the worksheet?	Yes / No
Which value will be extracted by using this selector?	The value from cell A3. / The value of a cell where the ID equals ARowIdx. / The value of any cell defined by RowIdx variable in column A. / The value of any cell defined the ARowIdx variable in column A.
A user needs to change the name of a table to **Budget2022** in a sheet. Which part of the selector must the user modify?	Update both the pane ID in line 3 and table name in line 5. / Update the pane ID in line 3. / Update the table name in tine 5.

Answer :

Answer Area

Questions	Response
A user accidentally changes the name of the Microsoft Excel file to **Final_Budget2022.xlsx**. Will the selector still work?	Yes / **No**
A Microsoft Excel file contains a worksheet with the name **Budget**. Will the selector be able to find the worksheet?	**Yes** / No
Which value will be extracted by using this selector?	The value from cell A3. / The value of a cell where the ID equals ARowIdx. / **The value of any cell defined by RowIdx variable in column A.** / The value of any cell defined the ARowIdx variable in column A.
A user needs to change the name of a table to **Budget2022** in a sheet. Which part of the selector must the user modify?	Update both the pane ID in line 3 and table name in line 5. / Update the pane ID in line 3. / **Update the table name in tine 5.**

Box 1: No -
Budget2022.xlsx is hardcoded and the only option.

Box 2: Yes -
The pattern for panes is Budget[0-9]*
Box 3: The value of any cell defined by RowIdx variable in column A.
Box 4: Update the table name in line 5.

Question 69 (Topic 5)

You are developing a flow that interacts with a Microsoft Dataverse table named Account. The table includes the following columns:

Name	Data type	Description
websiteurl	URL	
crabd_triggerflow	Choice	Option 1 text: Yes Option 1 value: 126690000 Option 2 text: No Option 2 value: 126690001

The flow must only trigger when a record is added to the Accounts table and the following conditions are met: the websiteurl field is set to https://microsoft.com the crabd_triggerflow field is set to Yes
You need to configure the flow trigger.
Which trigger condition expression should you use?

A. @and(equals(triggerOutputs()?['body/crabd_triggerflow'], '126690000'), equals(triggerOutputs()?['body/websiteurl'], 'https://microsoft.com'))
B. @and(equals(triggerOutputs()?['body/crabd_triggerflow'], 126690001), equals(triggerOutputs()?['body/websiteurl'], 'https://microsoft.com'))
C. @or(equals(triggerOutputs()?['body/crabd_triggerflow'], 126690000), equals(triggerOutputs()?['body/websiteurl'], 'https://microsoft.com'))
D. @or(equals(triggerOutputs()?['body/crabd_triggerflow'], '126690001'), equals(triggerOutputs()?['body/websiteurl'], 'https://microsoft.com'))

Answer : A

Both conditions must be met so we must use @and.
For Yes we use '126690000' not '126690001'
Incorrect:
Not B: For Yes we use '126690000' not '126690001'
Not C, not D: Both conditions must be met so can't use @or.

Question 70 (Topic 5)

DRAG DROP -
A company publishes a list of contacts each day as an HTML table on a web page. The company has a customer relationship management (CRM) application that runs on employee desktop devices.
You need to implement an RPA solution that reads data from the HTML table and create records in the CRM application.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Use a dynamic selector to save data from the HTML table into a variable.
- Use the Get details of element on web page action to read data from the HTML table into a variable.
- Launch a new web browser instance.
- Use the Run application action to start the CRM application.
- Use the Extract data from web page action to read data from the HTML table into a variable.
- Use a For each loop to write data from the variable to the CRM application.

Answer Area

Answer :

Answer Area

- Launch a new web browser instance.
- Use the Extract data from web page action to read data from the HTML table into a variable.
- Use the Run application action to start the CRM application.
- Use a For each loop to write data from the variable to the CRM application.

Step 1: Launch a new browser instance.
Step 2: Use the Extract data from web page action to read data from the HTML table into a variable.

Extract data from web page -
Extract data from specific parts of a web page in the form of single values, lists, rows or tables
Step 3: Use the Run application action to start the CRM application
Step 4: Use a For each loop to write data from the variable to the CRM application.
Reference: https://docs.microsoft.com/en-us/power-automate/desktop-flows/actions-reference/webautomation#extractdata

Question 71 (Topic 5)

HOTSPOT -
You are developing automation solutions for a company.
You need to select the components to use for each scenario. You must minimize development efforts.
Which methods should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Scenario	Component
Query items from a SharePoint list.	Built-in connector Custom connector HTTP connector Azure API Management
Share methods from a third-party REST API with an organization.	Built-in connector Custom connector HTTP connector Browser automation
Call a Microsoft Graph API endpoint using application permissions.	Built-in connector Custom connector HTTP connector Azure API Management

Answer :

Answer Area

Scenario	Component
Query items from a SharePoint list.	Built-in connector Custom connector HTTP connector Azure API Management
Share methods from a third-party REST API with an organization.	Built-in connector Custom connector HTTP connector Browser automation
Call a Microsoft Graph API endpoint using application permissions.	Built-in connector Custom connector HTTP connector Azure API Management

Box 1: Built-in connector -
SharePoint connector in Power Automate provides the following actions to manage permissions of an individual list item in a list or a file in a document library.
Grant access to an item or a folder
Create sharing link for a file or folder

Stop sharing an item or a file -
All of the above actions let you customize permissions for the item or a file to allow the right users to access that item or the file. To grant access or stop sharing, you will need to be a list owner of that list or library. That means, in your flow for these actions, you must connect to the list or library using a list owner user account.

Box 2: HTTP connector -
You can consume REST API using HTTP connector of Power Automate Flow from Power Virtual Agents.

Box 3: Custom Connector -
The HTTP connector in Microsoft Power Automate enables very flexible integrations, including calling the Microsoft Graph. However, the HTTP connector lacks the capability of caching a user's credentials to enable specific delegated permission scenarios. In these cases, a custom connector can be created to provide a wrapper around the Microsoft Graph API and enable consuming the API with delegated permissions.
Incorrect:
What does API management do?
The goal of API management is to allow organizations that create APIs or use others' APIs to monitor activity and ensure the needs of the developers and applications using the API are being met.
Reference: https://docs.microsoft.com/en-us/sharepoint/dev/business-apps/power-automate/guidance/manage-list-item-file-permissions https://www.inogic.com/blog/2021/09/consuming-rest-api-using-http-connector-of-power-automate-flow-from-power-virtual-agents/ https://docs.microsoft.com/en-us/graph/tutorials/power-automate

Question 72 (Topic 5)

A company uses Microsoft 365 apps. You are building a flow that is triggered when a new email arrives.
If an email message contains a Microsoft Excel workbook attachment, the solution must post the Excel data to an external customer relationship management (CRM) system that runs on a user's workstation. The CRM system is not accessible by using an API.

You need to design the solution.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.
A. Create a desktop flow.
B. Create desktop flow and define an input variable of type file.
C. Implement the Retrieve email messages action from a desktop flow.
D. Implement the When a new email arrives trigger in a cloud flow.
E. Implement the Create file action from the OneDrive connector in a cloud flow.

Answer : BDE

D: Trigger a cloud flow based on email properties
Use the When a new email arrives (V3) trigger to create a cloud flow that runs when one or more of the following email properties match criteria that you provide.
* Has Attachment - Trigger a cloud flow based on the presence of attachments in incoming emails.
Reference: https://docs.microsoft.com/en-us/power-automate/email-triggers

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Question 73 (Topic 5)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You plan to use a cloud flow.
The flow must be contained within a solution.
You need to add the cloud flow to a solution.
Solution: Create a scheduled cloud flow outside of a solution. Add the cloud flow into a managed solution.
Does the solution meet the goal?

A. Yes
B. No

Answer : B

Solution: Add an existing cloud flow from a managed solution to a new unmanaged solution.
You can't add components to a managed solution. When you try to, you'll see the following message:
"You cannot directly edit the components within a managed solution. You'll need to add it to another unmanaged solution that you've created to customize the component. The component might not be customizable."
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/solutions-overview

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Question 74 (Topic 5)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You plan to use a cloud flow.
The flow must be contained within a solution.
You need to add the cloud flow to a solution.
Solution: Create an instant cloud flow outside of a solution. Add the cloud flow into a new unmanaged solution.
Does the solution meet the goal?

A. Yes
B. No

Answer : B

Canvas app instant flows must be created from an app already in a solution since adding this type of flow from outside solutions is blocked.
Solution: Add an existing cloud flow from a managed solution to a new unmanaged solution.
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/solutions-overview

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Question 75 (Topic 5)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You plan to use a cloud flow.
The flow must be contained within a solution.
You need to add the cloud flow to a solution.
Solution: Add an existing cloud flow from a managed solution to a new unmanaged solution.
Does the solution meet the goal?

A. Yes
B. No

Answer : A

You can't add components to a managed solution. When you try to, you'll see the following message:
"You cannot directly edit the components within a managed solution. You'll need to add it to another unmanaged solution that you've created to customize the component. The component might not be customizable."
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/solutions-overview

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Question 76 (Topic 5)

DRAG DROP -
You deploy a cloud flow to a production environment. You make changes to the cloud flow in a development environment.
You import the updated solution to the production environment. You observe that the cloud flow is not updated.
You need to resolve the issue.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Remove all unmanaged layers.
- Remove all dependencies.
- Select the cloud flow that was upgraded.
- In the production environment, navigate to the solution contents.
- Show dependencies.
- In the development environment, navigate to the solution contents.
- Show solution layers.

Answer Area

Answer :

Answer Area

- In the production environment, navigate to the solution contents.
- Select the cloud flow that was upgraded.
- Show solution layers.
- Remove all unmanaged layers.

Step 1: In the production environment, navigate to the solution contents.
Step 2: Select the cloud flow that was upgraded.

Step 3: Show solution layers -
Step 4: Remove all unmanaged layers.

Remove an unmanaged layer -
Unmanaged customizations reside at the top layer for a component and subsequently define the runtime behavior of the component. In most situations you don't want unmanaged customizations determining the behavior of your components.
Note: Removing active unmanaged customizations can't be reversed or undone. All data associated with the unmanaged customization can be lost.
Open the solution you want, select ... next to a component, such as Account, and then select See solution layers.
If an unmanaged layer exists, Unmanaged layer is displayed in the Solution column for the layer.
Select the layer, and then on the command bar, select Remove unmanaged layer.
Incorrect:
Show dependencies.
Reference: https://docs.microsoft.com/en-us/power-apps/maker/data-platform/solution-layers

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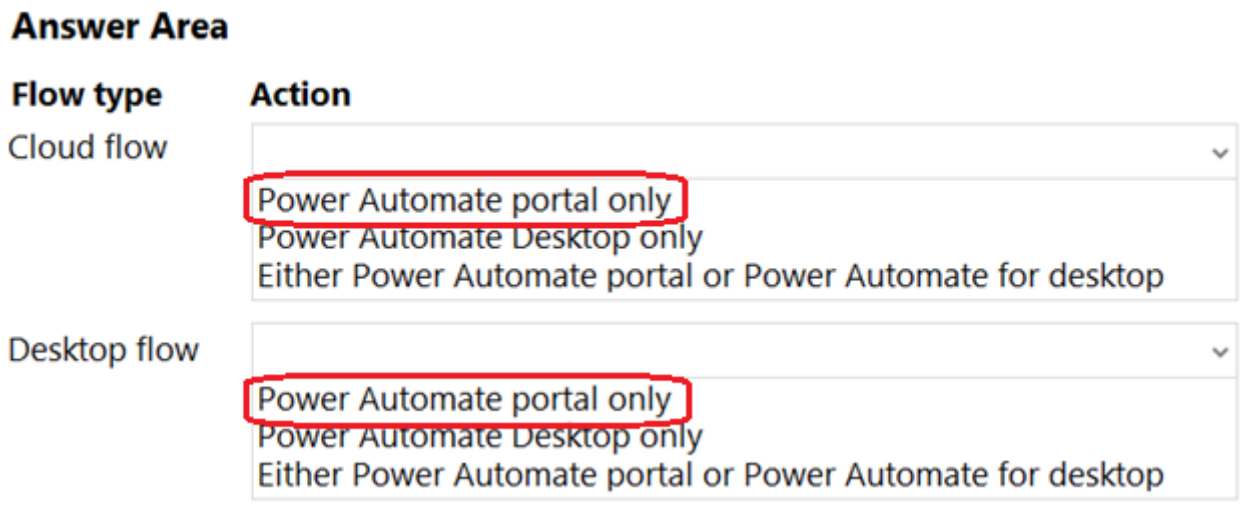
Question 77 (Topic 5)

HOTSPOT -
You develop automation solutions for a company.
You need to share the solutions with other users.
Which actions should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Flow type	Action
Cloud flow	Power Automate portal only Power Automate Desktop only Either Power Automate portal or Power Automate for desktop
Desktop flow	Power Automate portal only Power Automate Desktop only Either Power Automate portal or Power Automate for desktop

Answer :



Box 1: Power Automate portal only
Share a cloud flow with others in your organization so they can also benefit from automation you've created. There are three primary ways to share a cloud flow in Power Automate:
Add an owner to a cloud flow.
Share a cloud flow with run-only privileges.
Share a copy of a cloud flow.
Box 2: Power Automate portal only

Share desktop flows -
You can share a desktop flow with other users in your organization, giving those users specific permissions to access your flows.
Follow these steps to share a desktop flow.
Sign into Power Automate.
Select My flows from the left side of the screen.
Select Desktop flows.
Select any flow that you own.

Select Share -
Etc.
Incorrect:
Power Automate for desktop is the app to build your desktop flows. With it you can create, edit and run your automations.
Reference: https://docs.microsoft.com/en-us/power-automate/create-team-flows https://docs.microsoft.com/en-us/power-automate/desktop-flows/manage

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Question 78 (Topic 5)

You create a process map by using Process advisor. You plan to create a cloud flow based on the process map.
You need to develop the cloud flow.
Which two Process advisor features can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

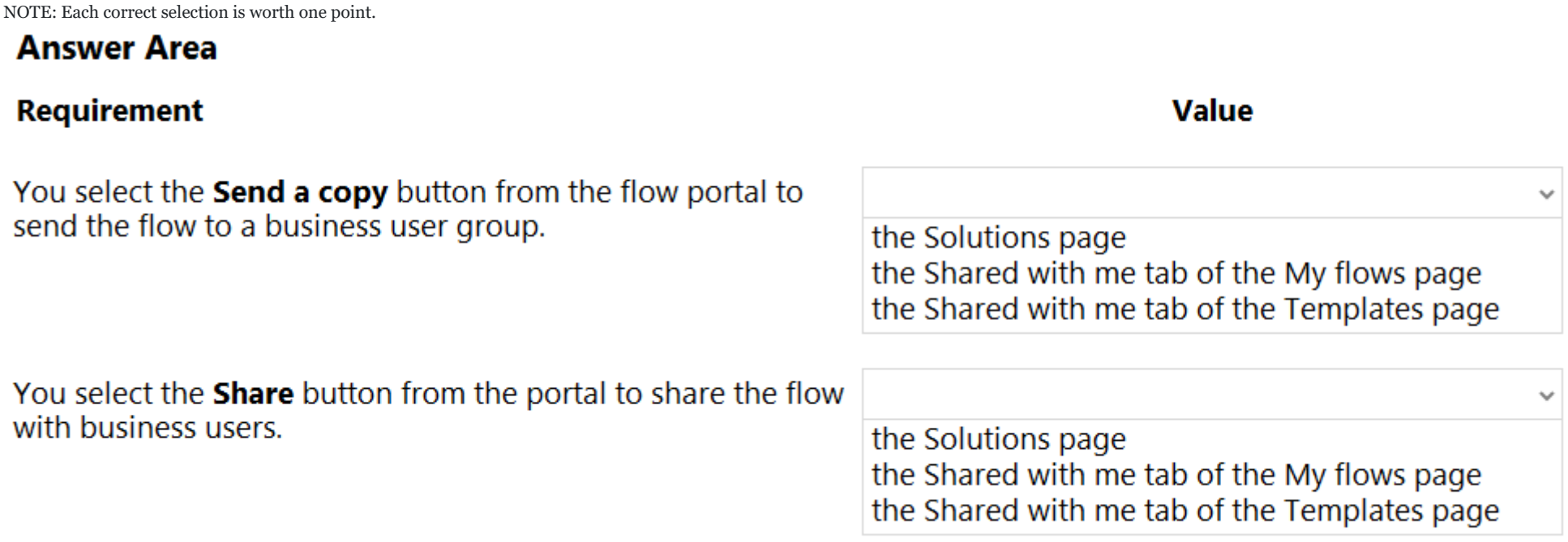
A. Suggest input variables to use in the cloud flow.
B. Automatically build a cloud flow based on the process map.
C. Recommend automation opportunities based on the process map.
D. Suggest connectors to use in the cloud flow.

Answer : BD

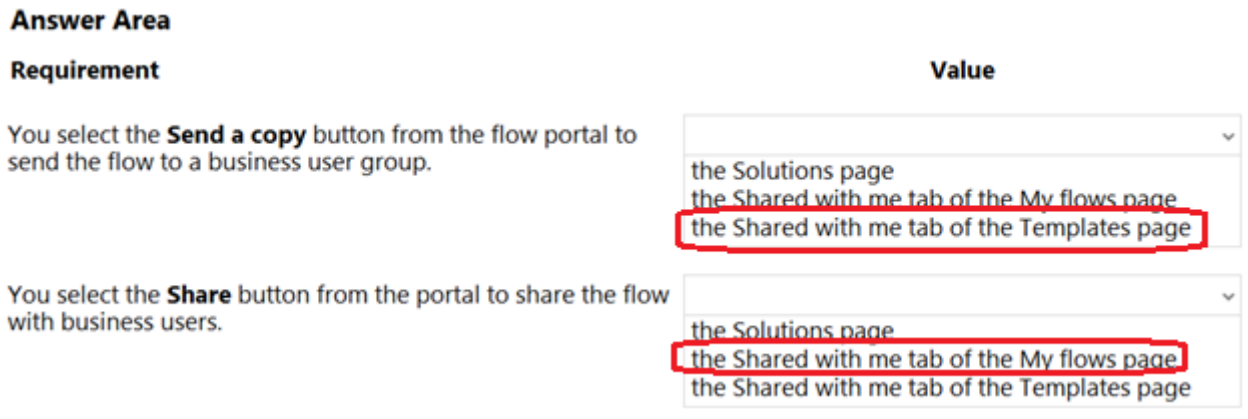
B: New features from Process advisor task mining
The Power Automate team have made several enhancements to Process advisor in January 2022 to make it even easier and faster to visualize your processes and get to insights with task mining:
* Auto create activities from recordings
* Etc.
D: Process advisor has improved connector recommendations for automate activities.
Reference: https://docs.microsoft.com/en-us/power-platform-release-plan/2022wave1/power-automate/process-advisor-improved-connector-recommendations-automate-activities
https://sharepointstuff.com/tag/power-automate/

Question 79 (Topic 5)

HOTSPOT -
You develop Power Automate flows for a company.
You need to help users locate and run the flows.
Where should you direct users to find the flows? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer :



Box 1: the Shared with me tab of the Templates page
Power Automate using the "Send a Copy" button.
When you do send a copy in Power Automate, it would invoke a new pane that would bring options to enter the details such as the user name to whom we would like to share the copy, description, and title for the copy.
Once this step is completed the user can go through the templates and would be able to see the copy shared under the "Shared with me" option in templates, from here users can import the flow into the environment by setting their own connections for the connectors.
Box 2: The Shared with me tab of the My flows page
Reference: https://www.c-sharpcorner.com/blogs/share-flows-using-send-a-copy-in-power-automate https://docs.microsoft.com/en-us/power-automate/create-team-flows