



Microsoft

Exam Questions PL-600

Microsoft Power Platform Solution Architect

NEW QUESTION 1

HOTSPOT

An animal welfare organization wants to track the movement of wolf packs in a region. Cameras at specific locations capture images when motion is detected within the camera sensor range. Staff upload the images manually to a shared drive and then analyze the images.

The organization wants to automate image capture and analysis.

The organization has the following requirements: Save captured images in an appropriate location.

Analyze saved images by using an image recognition process.

Display data in real-time dashboards.

You need to recommend the correct technology for the requirements.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Technology option
Save captured images in an appropriate location.	<div>▼</div> <div>Business process flow</div> <div>Desktop flow</div> <div>Instant cloud flow</div> <div>Automated cloud flow</div>
Analyze saved images by using an image recognition process.	<div>▼</div> <div>Instant cloud flow and AI Builder</div> <div>Automated cloud flow and AI Builder</div> <div>Desktop flow and AI Builder</div>
Display data in real-time dashboards.	<div>▼</div> <div>Dynamics 365 interactive experience dashboard</div> <div>Model-driven app dashboard with native graphs</div> <div>Model-driven app dashboard with Power BI</div>

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Box 1: Automated cloud flow.

Create a cloud flow when you want your automation to be triggered either automatically, instantly, or via a schedule.

Automated flows: Create an automation that is triggered by an event such as arrival of an email from a specific person, or a mention of your company in social media.

Incorrect Answers:

Business process flows provide a guide for people to get work done. Desktop flows are used to automate tasks on the Web or the desktop.

Instant flows: Start an automation with a click of a button. Wide range of tasks such as requesting an approval, an action in Teams or SharePoint.

Box 2: Desktop flow and AI Builder

Desktop flows are used to automate tasks on the Web or the desktop. Using Power Automate Desktop you can automate tasks on the desktop as well as the Web.

Box 3: Model-driven app dashboard with Power BI

The Power BI cloud service works with Microsoft Dataverse apps to provide a self-service analytics solution. Power BI automatically refreshes the app's data displayed.

Reference: <https://docs.microsoft.com/en-us/power-automate/flow-types> <https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/use-power-bi>

NEW QUESTION 2

DRAG DROP

You need to recommend methods for assigning security to each group of users. The customer provides the following requirements:

Customers need the ability to submit a case through an online portal. Portal must handle 75 concurrent users submitting cases.

Service data must be retained for at least six years.

You need to determine which requirements are functional or non-functional.

Which requirements are functional or non-functional? To answer, drag the appropriate types to the correct requirements. Each 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.

Select and Place:

Answer Area

Types

Requirement

Type

Functional

Non-functional

Customers need the ability to submit a case through an online portal.

Portal must handle 75 current users submitting cases.

Service data must be retained for at least six years.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Functional

Functional requirements describe what the solution needs to do or its behaviors.

Box 2: Non-functional

Non-functional requirements commonly describe non-behavior aspects of the solution such as performance requirements.

Box 3: Non-functional

Examples of common non-functional requirement types include: Availability

Compliance/regulatory Data retention/residency

Performance (response time, and so on) Privacy

Recovery time Security Scalability

Reference: <https://docs.microsoft.com/en-us/learn/modules/work-with-requirements/3-functional-requirements> <https://docs.microsoft.com/en-us/learn/modules/work-with-requirements/4-non-functional-requirements>

NEW QUESTION 3

A company has a custom web-based solution that is hosted on Azure. You design a Power Platform solution to provide the company additional capabilities. You need to integrate the Power Platform solution with the web-based solution. What should you recommend?

- A. Connection reference
- B. Custom connector
- C. Desktop flow
- D. Data gateway

Answer: B

Explanation:

A custom connector in Power Platform is a wrapper around a REST API that allows Power Automate or Power Apps to communicate with that REST API.

Connectors created in Power Automate are available in Power Apps. Likewise, connectors created in Power Apps are available in Power Automate.

Reference:

<https://docs.microsoft.com/en-us/learn/modules/create-custom-connector-power-platform/1-introduction>

NEW QUESTION 4

You need to recommend a reporting solution for the organization.

Which two options should you recommend? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. AI Builder
- B. SQL Server Reporting Services (SSRS)
- C. Dynamics 365
- D. Power BI

Answer: BC

Explanation:

The reporting and analytics team must be able to create reports that include data from all facilities and all workers.

Management reports must present an overview of the entire organization. Other reports may be limited to specific offices.

B: Power Apps apps can include reports that provide useful business information to the user. These reports are based on SQL Server Reporting Services and provide the same set of features that are available for typical SQL Server Reporting Services reports.

C: Microsoft Dynamics 365 online and Model-Driven PowerApps offers several advanced reporting options. Advanced reports are often necessary when business requirements demand complex calculations, returning multiple data sets, grouping large sets of data based on rules, and retrieving data from different data sources.

Incorrect Answers:

D: Scenario: Users cannot view Power BI reports within the Power Platform apps.

Note: Power BI enables data insights and better decision-making, while Power Apps enables everyone to build and use apps that connect to business data. Using the Power Apps visual, you can pass context-aware data to a canvas app, which updates in real time as you make changes to your report.

Reference: <https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/add-reporting-to-app> <https://powerusers.microsoft.com/t5/Building-Power->

Apps/Creating-SSRS-Report-for-Model-Driven-PowerApps/td-p/621866 <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/powerapps-custom-visual>

NEW QUESTION 5

You need to recommend a solution for creating the initial inspection checklists.
What should you recommend?

- A. Power Apps Maker portal
- B. Dataverse for Teams
- C. Power Apps Studio
- D. Data Migration utility

Answer: B

Explanation:

Scenario: Standardized checklists must be stored in the solution for use by inspectors. A copy must be created when a new inspection is initiated.

Dataverse for Teams – built on Microsoft Dataverse – provides relational data storage, rich data types, enterprise-grade governance, and one-click solution deployment to the Microsoft Teams app store. Dataverse for teams table creation has all of the things that are great about Microsoft Lists, without the major downsides.

Reference: <https://docs.microsoft.com/en-us/powerapps/teams/create-table> Question Set 1

NEW QUESTION 6

A company has a list of contacts in a Microsoft Excel file. The company wants to load the contact information into a Power Platform solution. You need to recommend a data-loading solution.
What should you recommend?

- A. Use the Excel Template feature.
- B. Add to an existing list of contacts in a static worksheet.
- C. Use the import from Excel feature.

Answer: A

Explanation:

Import data that's stored somewhere else into your model-driven app using the import feature in Power Apps.

Every table has required columns that must exist in your input file. It's recommended that you download an Excel template, add your data, and then import the file to your app. The template saves time and effort. Don't add or modify columns in the template to avoid issues during the import.

Note:

Step 1: Download an Excel template

To avoid mapping issue, it's recommended that you use an Excel template that you can download from your app. Once the template is downloaded add your data and then import the file back to your app. Remember don't add or modify columns in the template to avoid issues during the import process.

Step 2: Import your data

Use the template that you downloaded in the previous step (modified with your data) and import the file to your app.

Reference: <https://docs.microsoft.com/en-us/powerapps/user/import-data>

NEW QUESTION 7

HOTSPOT

You are designing the security model for a Power Platform solution. The security model must meet the following requirements:

Restrict sharing of data between Power Automate connectors.

Ensure that environment administrators only see users who require access in the enabled user list. You need to recommend security features for the solution.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Feature
Restrict sharing of data between Power Automate connectors	<div><div></div><div>Security group</div><div>Data loss prevention policy</div></div>
Ensure that environment administrators only see users who require access in the enabled user list.	<div><div></div><div>Security group</div><div>Data loss prevention policy</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Data loss prevention policy

Data loss prevention (DLP) policies enforce rules for which connectors can be used together by classifying connectors as either Business or Non-Business. If you

put a connector in the Business group, it can only be used with other connectors from that group in any given app or flow. Sometimes you might want to block the usage of certain connectors altogether by classifying them as Blocked.

Box 2: Security group

If your company has multiple Microsoft Dataverse environments, you can use security groups to control which licensed users can be a member of a particular environment.

Reference:

<https://docs.microsoft.com/en-us/power-platform/admin/wp-data-loss-prevention>

<https://docs.microsoft.com/en-us/power-platform/admin/control-user-access>

NEW QUESTION 8

You need to recommend the field type to use for configuring meal selections during reservation.

Which field type should you recommend?

- A. Global Option Set
- B. Lookup
- C. Option Set
- D. Two Options

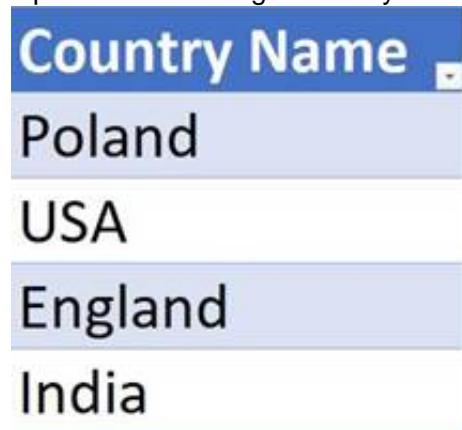
Answer: C

Explanation:

Customers can select a meal when they make a reservation and can save the meal choices as a customer preference.

The company offers two types of meals: standard and vegetarian. Meal types can be temporarily unavailable. The airline is considering offering other meal types, such as gluten-free and low-sodium options.

In PowerApps Option set is one of the field types you can use in your Entity. The information type that Option Set stores is a list of text values. And here comes the Option Set advantage – once you define its text values you can centrally managed it. Example:



Incorrect Answers:

A: Typically, you use global option sets to set fields so that different fields can share the same set of options, which are maintained in one location. Unlike local options sets which are defined only for a specific attribute, you can reuse global option sets. You will also see them used in request parameters in a manner similar to an enumeration.

Reference: <https://michalguzowski.pl/how-to-work-with-option-set-in-powerapps/>

NEW QUESTION 9

You need to create an Agent security role.

Which three actions should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Add security to the seat entity and assign users to the Agents role.
- B. Add security to the Core Records and assign users to the Customer Service Representative role.
- C. Copy the Microsoft Dataverse Basic User role.
- D. Rename the Customer Service Representative role to Agents.
- E. Copy the Customer Service Representative role.
- F. Name the new role Agents.

Answer: BEF

Explanation:

Scenario: The security rule for agents must contain the privileges in the default Customer Service Representative security role.

Create a security role by Copy Role:

Step 1 (E): Copy the Customer Service Representative role. Step 2 (F): Select the New Role Name.

Step 3: (B): When Copying Role is complete, navigate to each tab, ie Core Records, Business Management, Customization, etc. Set the privileges on each tab.

Reference:

<https://docs.microsoft.com/en-us/power-platform/admin/create-edit-security-role>

Case study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background

Fabrikam, Inc. manufactures industrial metal cutting machines. The company installs and services the machines for customers. Fabrikam has manufacturing plants in Canada, France, and China. The company also has regional service organizations that are responsible for installation and maintenance of the machines.

Current environment Overview

Operations for the company are managed very informally. Only a small number of long-term employees are aware of all manufacturing processes. The company has been experiencing quality issues associated with its manufacturing operations and installations.

The company wants to implement a way to capture quality inspection results for each machine produced. Current inspection checklists are stored in the Files section of a Teams channel for inspectors. Inspectors commonly print the incorrect inspection checklist.

The company has specific inspection stations for certain inspection steps. Each station has the gauges and equipment required for related inspection steps. There is often a backlog at specific inspection stations. This results in delays in shipping machines to customers.

Accounting system

The current system does not handle shop floor or manufacturing planning functionality. Machines are assigned serial numbers and placed in stock until they are shipped to customers.

Employee information is maintained only within the accounting system. Access to the information is strictly controlled due to privacy regulations and company policies.

Other systems

The company has an enterprise Microsoft 365 subscription. The company uses Microsoft 365 only for sending and receiving email. The company uses photos of employees to generate employee badges. Photos are uploaded into Microsoft 365 user profiles.

The company recently started using Dynamics 365 Field Service to manage and maintain the machines that it installs for its customers. The app has not been customized.

The company has added roles, skills, and certification proficiencies to Dynamics 365 Field Service resources to support both customer onsite inspections and final manufacturing inspections.

Requirements

Quality inspection app

Fabrikam is evaluating Microsoft Power Platform to determine whether it can meet the company's requirements for a manufacturing defect and quality inspection solution. Each machine produced must be subjected to a quality inspection at various points during production. Each machine must undergo a more extensive quality inspection before the machine can be shipped to the customer. Inspection orders

Inspection orders must:

- Allow entry of quality ratings of passed or failed for each quality metric identified for the machine being rated.
- Include information about the person who performed each inspection step and any comments made by the inspector.- Be automatically marked as failed if one inspection step rating is marked as failed.
- e.

Inspection standardization

Standardized checklists must be stored in the solution for use by inspectors. A copy must be created when a new inspection is initiated. The solution must:

Prevent an inspector from proceeding to the next step of the checklist until required information for a step is entered. Support the addition of steps to inspections to support custom features added to a machine for a customer.

Support the direct input of measurements from testing gauges to avoid incorrect readings being entered by inspectors.

Provide a visual representation of the testing measurement limits for each step. Include an indication of how the measured value compares to measurement limits and whether the measurement is within tolerance. Users must be able to configure the visualizations to display the minimum value and maximum value, and whether the reading is within the tolerance of a single targeted value. It must also be able to be used for maintenance inspections once the machine has been installed.

Support the ability to store photo references within each inspection step to document defects found during inspections. Security

Users must be active employees of Fabrikam.

When a user signs into the inspection solution, the solution must display a picture of the employee who has signed in. Supervisors must be able to modify standard checklists. Other employees must be prevented from modifying checklists.

You must prevent users from changing inspection order data once an inspection is marked as final. Analytics and reporting The solution must:

Provide metrics including existing and upcoming demand by inspection station, average time spent per user at a station, and average time a machine spends at each inspection point. Provide metrics per inspector including number of inspections performed by month, and number of inspections per rating type (pass, fail). Provide a printed quality certificate to be included with each machine. Issues

During initial testing of the solution, testers report that they cannot see the photos taken during a previously failed inspection.

NEW QUESTION 10

HOTSPOT

You need to design the quality inspection order data model.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Action

Obtain the serial number and other machine attributes for use in the inspection order.

Use a virtual table.
Import to a custom table.
Create a lookup to Dynamics 365 Field Service.

Configure the relationship between inspection orders and inspection ratings.

Create a one-to-many relationship and set the behavior to Parental.
Create a many-to-many relationship and set the behavior to Parental.
Create a one-to-many relationship and set the behavior to Cascade None.
Create a many-to-many relationship and set the behavior to Cascade None.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Create a lookup to Dynamics 365 Field Service

Scenario: Machines are assigned serial numbers and placed in stock until they are shipped to customers.

Entity lookup: Allows technicians to choose a Dynamics 365 record. In the inspection designer interface, admins must select an entity and a field to display. For a chosen entity, the Name field and mandatory fields are the entity attributes that can be displayed in the lookup.

Box 2: Create a one-to-many relationship and set the behavior to Parental Scenario: Inspection orders must:

Allow entry of quality ratings of passed or failed for each quality metric identified for the machine being rated. Be automatically marked as failed if one inspection step rating is marked as failed.

Each inspection order can have one or many inspection steps, and each inspection step has a rating.

Note: Each pair of tables that are eligible to have a 1:N relationship can have multiple 1:N relationships between them. Yet usually only one of those relationships can be considered a parental table relationship.

Reference: <https://docs.microsoft.com/en-us/dynamics365/field-service/inspections> <https://docs.microsoft.com/en-us/powerapps/maker/data-platform/create-edit-entity-relationships>

NEW QUESTION 10

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