

# Microsoft

## Exam Questions PL-600

Microsoft Power Platform Solution Architect



### NEW QUESTION 1

A company uses two separate unlinked apps to manage sales leads: a Power Apps app and a third-party application. The client has the following requirements:  
Manage all leads by using the Power Apps app.  
Create a lead in the Power Apps app when a user creates a lead in the third-party application.  
Update leads in the Power Apps app when a user updates a lead in the third-party application.  
Connect to the third-party application by using an API.  
You need to recommend strategies to integrate the Power Apps app and the third-party application. Which three options can you use to achieve the goal? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Dual-write
- B. Custom connector
- C. Dataflow
- D. Power Automate cloud flow
- E. Common Data Service connector

**Answer:** ADE

#### Explanation:

A: Customers should be able to adopt business applications from Microsoft and expect they speak the same language and seamlessly work together. Dual Write allows our customers to not think about these apps as different systems to write to independently; rather, the underlying infrastructure makes it seamless for these apps to write simultaneously.  
D: Use Custom APIs to create your own APIs in Dataverse. With a Custom API you can consolidate a group of operations into an API that you and other developers can call in their code. The Common Data Service (current environment) connector enables calling Custom APIs actions in Power Automate.  
E: Common Data Service provides access to the environment database on the Microsoft Common Data Service. It is available for Logic Apps, Power Automate, and Power Apps. Reference:  
<https://docs.microsoft.com/en-us/business-applications-release-notes/april19/cdm-data-integration/dual-write-link-common-data-service-apps>  
<https://docs.microsoft.com/en-us/connectors/commondataservice/> <https://docs.microsoft.com/en-us/powerapps/developer/data-platform/custom-api>

### NEW QUESTION 2

#### HOTSPOT

You are designing a Power Platform solution for a company that provides in-home appliance maintenance. When a customer schedules a service appointment, a dispatcher assigns one technician for a specific time and location. The solution must capture information about the technician assigned to each appointment and the list of tools that the technician must bring to the appointment.  
You need to recommend the data type for the captured information.  
Which data type should you use? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.  
Hot Area:

#### Answer Area

Requirement	Data type
Capture information about the technician assigned to each service appointment.	<div><div></div><div>Choice</div><div>Choices</div><div>Customer</div><div>Lookup</div></div>
Select the tools that the technician must bring to an appointment.	<div><div></div><div>Choices</div><div>Customer</div><div>Lookup</div><div>Text</div></div>

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Box 1: Choice  
Like Choices below, but can only select one of the option.  
Incorrect Answers:  
▪ Customer: A lookup column that you can use to specify a customer, which can be an account or contact.  
▪ Lookup: Data in one table often relates to data in another table. For example, you might have a Teachers table and a Class table, and the Class table might have a lookup relation to the Teachers table to show which teacher teaches the class. You can use a lookup column to show data from the Teachers table. This is commonly referred to as a lookup column.  
The LookUp function finds the first record in a table that satisfies a formula. Use LookUp to find a single record that matches one or more criteria. For both, the formula is evaluated for each record of the table  
Box 2: Choices  
You can customize forms (main, quick create, and quick view) and email templates by adding multi-select columns that are called Choices. When you add a choices column, you can specify multiple values that will be available for users to select. When users fill out the form they can select one, multiple, or all the values

displayed in a drop-down list.  
Reference: <https://docs.microsoft.com/en-us/powerapps/maker/data-platform/types-of-fields>

**NEW QUESTION 3**

You are designing a Power Platform solution.  
The company wants its development team to adopt the construction of repeatable components for its implementation team to reuse on different entities and forms.  
You need to recommend a technology that meets these requirements.  
Which technology would you recommend the developers adopt to assist the implementation team?

- A. JavaScript
- B. Power Apps Component Framework control
- C. Web resource
- D. Canvas app

**Answer:** B

**Explanation:**

Power Apps component framework empowers professional developers and app makers to create code components for model-driven and canvas apps (public preview) to provide enhanced user experience for the users to work with data on forms, views, and dashboards.  
Reference: <https://docs.microsoft.com/en-us/powerapps/developer/component-framework/overview>

**NEW QUESTION 4**

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 5**

DRAG DROP  
You need to recommend solutions to meet the organization's communication needs.  
What should you recommend? To answer, drag the appropriate technologies to the correct groups of users. Each technology 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

Technologies

Microsoft Teams

Power Apps portals

Microsoft 365 Business Voice

Group of users

First Up employees

Workers

Technology

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Microsoft Teams  
First up employees must be able to contact each other by using a secure system to ask and answer questions about medical cases.  
Microsoft Teams key capabilities: Connected  
Secure  
Managed Collaborative and productive  
Box 2: Microsoft 365 Business Voice  
Workers must be able to communicate in near real-time with worker support agents.  
Microsoft 365 Business Voice makes it easy for small and medium organizations to turn Microsoft Teams into a powerful and flexible telephone system. It's a replacement for traditional telephony providers and in-house phone systems that can be difficult and costly to manage.  
Reference:

<https://docs.microsoft.com/en-us/microsoft-365/solutions/empower-people-to-work-remotely>

<https://docs.microsoft.com/en-us/microsoftteams/business-voice/whats-business-voice>

Testlet 3

Case study

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Background

Relecloud provides regional air service in North America. The company uses a variety of systems, apps, and services to manage the business. You are hired to design a new solution to manage passenger information, reservations, and maintenance.

Current environment

The company uses Microsoft Office 365.

The company has a custom app for managing and tracking passenger luggage. The app uses Microsoft Dataverse.

For flights longer than four hours, passengers receive a meal. 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. The company uses paper-based reservation checklists to help ensure that all the steps for a reservation are complete.

The company uses vendors to service aircraft.

Environment

Ensure that employees can sign in to all Microsoft apps by using one set of credentials per employee. Minimize the use of third-party products and custom development.

Reduce customer support call volumes by having the system automatically resolve common issues.

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

Log issues as cases. The case form must show variable sections based on the case type. Include a custom entity named Seats and grant agents access to the entity. Application use layout should be role specific.

Agents

You must standardize the format used by agents to enter customer phone numbers. Agents need a solution to replace paper reservation checklists.

Agents need dashboards to show a current count of all reservations on the entity. Agents need a way to track reservation issues.

Agents need a visual indicator in the interface to determine the reservation step to provide a seamless customer experience. Agents need different versions of cancellation policies to send customers. One version must be controllable within the system. Agents need to view which pieces of luggage match to each passenger, and then need to add the total on the passenger record.

IT

IT staff needs a mobile solution to see IT cases at the top of the menu since this is their primary focus. IT staff needs a system that is easy to navigate to active cases.

IT specialists want to design Power BI reports. They need to understand the underlying table relationships of the system.

IT specialists need a solution that is visual rather than text-based so they can quickly complete their tasks.

Management

Management requires paginated reports for stakeholders.

Management wants to provide frequent flyers with better service when the flyers call.

Managers need to see all customer dashboards at the top of their menu on their mobile device.

Maintenance

Maintenance supervisors must not have access to Dynamics 365 Customer Service. The supervisors must be able to communicate with the contracts team about contracts. Aircraft maintenance vendors must have only view and upload privileges to their invoices and receipts. Contracts with maintenance companies must be stored in Dynamics 365 Customer Service.

## 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

A company is implementing Dynamics 365 Sales.

The company has turned off out-of-the-box quote calculations in order to implement its own custom calculations.



When users update a line item on a quote, they expect to see an updated total for the quote in real time. Users are reporting inconsistent behavior, with some aggregations taking up to two hours. You review the system design and notice many asynchronous workflows. You need to recommend a solution to enable the calculation in real time. Which two options should you recommend? Each answer presents a complete solution.  
NOTE: Each correct selection is worth one point.

- A. Consolidate asynchronous workflow into a single real-time workflow.
- B. Consolidate multiple asynchronous workflows into a single asynchronous workflow.
- C. Implement a business process flow to replace the existing workflows.
- D. Convert the asynchronous workflows to a synchronous plug-in.

**Answer:** AB

#### NEW QUESTION 8

You are designing a model-driven app that allows a company to manage sales opportunities. The company has a complex security model that includes the following requirements: The vice president of sales must be able to see opportunities for sales managers and sales representatives. Sales managers must be able to see opportunities for all sales representatives. Sales representatives must only see opportunities that they own. You need to recommend security tools for controlling user access. Which two tools should you recommend? Each correct answer presents part of the solution.  
NOTE: Each correct selection is worth one point.

- A. Account hierarchy
- B. Field security profile
- C. Position hierarchy
- D. Security roles

**Answer:** CD

#### Explanation:

With the position hierarchy security, a user at a higher position has access to the records owned by a lower position user or by the team that a user is a member of, and to the records that are directly shared to the user or the team that a user is a member of. The hierarchy security model is an extension to the earlier security models that use business units, security roles, sharing, and teams. It can be used in conjunction with all other existing security models. Reference:  
<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/security-dev/hierarchical-security-control-access-entities>

#### NEW QUESTION 9

A company has a Power Platform environment that connects to a third-party marketing application. The company reports that the data in the Power Platform lead table does not match data from the marketing application. Issues include:  
\_ The owner data in the lead table and the third-party application do not match.  
\_ The Topic column has more information than the related record from the marketing application. There are differences in how telephone numbers are formatted. You need to determine which processes are causing the issues. Which three processes may be causing the differences observed? Each correct answer presents a complete solution.  
NOTE: Each correct selection is worth one point.

- A. Dataflow
- B. Business rule
- C. Classic workflow
- D. Power Automate cloud flow
- E. Duplicate detection rule

**Answer:** ABC

#### Explanation:

A: With advanced data preparation available in Power Apps, you can create a collection of data called a dataflow, which you can then use to connect with business data from various sources, clean the data, transform it, and then load it to Microsoft Dataverse or your organization's Azure Data Lake Gen2 storage account.  
\_ B: By combining conditions and actions, you can do any of the following with business rules: Set column values  
Clear column values  
Set column requirement levels Show or hide columns  
Enable or disable columns  
Validate data and show error messages  
Create business recommendations based on business intelligence.  
C: Duplicate detection works by comparing generated match codes of existing records with each new record being created. These match codes are created as each new record is created. Therefore, there is potential for one or more duplicate records to be created if they are processed at the exact same moment. In addition to detecting duplicates as they are created, you should schedule duplicate detection jobs to check for other potential duplicate records. Reference:  
<https://docs.microsoft.com/en-us/powerapps/maker/data-platform/data-platform-create-business-rule>  
<https://docs.microsoft.com/en-us/powerapps/maker/data-platform/create-and-use-dataflows>  
<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/duplicaterule-entities>

#### NEW QUESTION 10

##### HOTSPOT

You are supporting the go-live process for a company. The company is responsible for migrating data to the Power Platform by using a custom solution. The company reports the following issues: Migration processes fail due to operation timeouts. Records that include lookup columns often fail to load. You need to recommend a 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

Issue	Solution
Migration processes fail due to operation timeouts.	<div>▼</div> <div>                     Increase multithreading and/or batch size settings.                      Decrease multithreading and/or batch size settings.                      Ensure you are loading data into all tables at the same time.                      Ensure you are loading data into tables in a particular order.                 </div>
Records that include lookup columns often fail to load.	<div>▼</div> <div>                     Increase multithreading and/or batch size settings.                      Decrease multithreading and/or batch size settings.                      Ensure you are loading data into all tables at the same time.                      Ensure you are loading data into tables in a specific order.                 </div>

- A. Mastered  
 B. Not Mastered

**Answer:** A

### Explanation:

Box 1: Increase multithreading and/or batch size settings Box 2: Ensure you are loading data in a specific order.

Load the base tables in the hierarchies first.

Testlet 2 Case study

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Background

First Up Consulting recruits information technology (IT) workers for temporary or permanent positions at client companies. The company operates offices in multiple countries/regions.

First Up has both full-time and part-time employees. The company has a team of worker support agents that respond to inquiries from current and prospective workers. Some of the worker support agents are multilingual.

The company does not have a standardized tool used for reporting purposes. The organization engages you to implement a new Power Platform solution. Workers are managed by a dedicated team that includes one primary recruiter and a contract assistant. Many client companies live in areas that do not allow for mobile data connections.

Current environment

Existing systems and processes

First Up uses an on-premises system to manage current and historical patient data including medications and medical visits.

The company plans to reference historical data in the existing system. The records held in these systems will not be migrated to the new solution except for medication information. Employee authentication with the existing system is provided by an on-premises Active Directory instance that is linked to Azure Active Directory.

An appointment record is created for each visit with a worker. The record includes worker contact information, preferred language, the date and time of the appointment, and other relevant data. This information is reviewed by the worker's primary recruiter.

First Up has no current capabilities for forecasting future worker needs based on the data held.

Client company visits

Before First Up signs a contract to place workers at a client company, a member of the audit team visits the company and interviews company management. Audit members use different types of devices including Android and iOS devices. First Up has no plans to require the use of a single type of device. Audit team members currently record information about workers on paper forms. Team members enter information from paper forms into the system when they return to the office.

First Up audits client companies at least once each year but may schedule additional visits based on feedback from workers that they place at a client company.

Requirements General

There is no standardized communication tool across the company, and this causes communication issues between different teams. First up employees must be able to contact each other by using a secure system to ask and answer questions about medical cases.

Workers must be able to communicate in near real-time with worker support agents.

Client company visits

Audit team records must be locked after they have been reviewed by a First Up manager. No further edits to the record can be carried out. This must be implemented using standard available system functionality. Audit teams must be able to enter records of their visits to the companies where they have or may place workers. Audit teams must be able to update any necessary records with the latest information. The solution must support tracking of security clearance information for a worker including the date, status, and certifying agency. When a worker makes an appointment, the appointments must appear in the timeline for the worker's contact record.

Job history information

The solution must provide a worker appointment booking system that can access worker historical job placement data.

The solution must allow employees to associate a primary recruiter with each worker. The solution must also allow multiple secondary recruiters to be associated with each worker. Every worker assessment performed must be validated and countersigned by the primary recruiter for a worker.

Job posting data from previous work engagements must be accessible by the Power Platform solution to ensure that new job postings are accurate. First Up staff members must be able to view and update worker records. They must be able to see current and historical job placement data on the same form in the new solution.

**Worker access**  
 The solution must support workers that speak different languages. The solution must provide automatic translation capabilities. The solution must support near real-time communications between workers and recruiters.  
 Workers must be able to view their records online. Workers must be able to enter any additional information that is required by or may be helpful to recruiters. The solution must provide workers a way to search for general information about available positions.  
 Workers must be able to request copies of their records by using a chatbot. Workers must be able to provide information to a recruiter as needed.

**Data platform**  
 Audit teams must have the ability to view worker information on their mobile devices.  
 Audit teams must be able to record data during visits to locations where workers are placed.  
 The solution must support the ability for a corporate governance auditing team to periodically audit the organization's records, policies, and procedures.

**Reporting and analytics**  
 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.  
 You must create dashboards that show the status across all groups of workers. The dashboards must be embedded into the Power Platform apps. Updates to data must be displayed in near real time.

**Security**  
 Authentication for all user types must be managed by a single platform. IT teams must use PowerShell to apply security permissions for users. Worker records must only be viewed by the recruiting office that the worker visits.  
 Worker still records must be archived after ten years and are then removed from the main system. Worker information must not be deleted from the system while skill and job placement history records for the worker exist in the system. User security roles must be customized to ensure that users are able to interact only with the specific data in which they need access.  
 Workers must be able to sign into a portal by using their own email address. Workers must be required to use a secure method of authentication to be able to view their data.  
 Alerts regarding the number of recruited and placed at client companies must be updated as background processes. Issues  
 The organization reports the following issues:  
 Recruiters report that they cannot see historical job placement data for workers.  
 API usage reports show that the number of API calls made exceeds limits. This causes delays saving data. Users cannot view Power BI reports within the Power Platform apps.  
 Some security clearance information for workers not visible from within the Power Platform solution.  
 Audit teams report that they cannot view or edit worker data when the device on which they access the solution does not have network connectivity. The testing team reports that one of the canvas apps is not working as expected. An error message displays as specific pages load.

## NEW QUESTION 10

### HOTSPOT

You need to ensure that the solution meets the data security and compliance 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

Scenario	Relationship behavior
A worker transfers to a new client company.	<div>▼</div> <div>Assign: Cascade All</div> <div>Assign: Cascade None</div> <div>Merge: Cascade All</div> <div>Rollup View: Cascade All</div>
A user deletes a worker's job placement history.	<div>▼</div> <div>Delete: Cascade All</div> <div>Delete: Remove Link</div> <div>Delete: Restrict</div>

- A. Mastered
- B. Not Mastered

**Answer: A**

### Explanation:

Box 1: Assign: Cascade None

Scenario: Worker still records must be archived after ten years and are then removed from the main system. Assign: The referenced table record owner is changed.

Cascade None: Do nothing.

Incorrect Answers:

Cascade All: Perform the action on all referencing table records associated with the referenced table record. Box 2: Delete: Restrict

Scenario: Worker information must not be deleted from the system while skill and job placement history records for the worker exist in the system.

Referential, Restrict Delete: In a referential, restrict delete relationship between two tables, you can navigate to any related rows. Actions taken on the parent row will not be applied to the child row, but the parent row cannot be deleted while the child row exists. This is useful if you do not want child rows to become orphaned. This forces the user to delete all of the children before deleting the parent.

Reference: <https://docs.microsoft.com/en-us/powerapps/maker/data-platform/data-platform-entity-lookup>



### Testlet 3 Case study

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#### Background

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#### Current environment

The company uses Microsoft Office 365.

The company has a custom app for managing and tracking passenger luggage. The app uses Microsoft Dataverse.

For flights longer than four hours, passengers receive a meal. 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. The company uses paper-based reservation checklists to help ensure that all the steps for a reservation are complete.

The company uses vendors to service aircraft.

#### Environment

Ensure that employees can sign in to all Microsoft apps by using one set of credentials per employee. Minimize the use of third-party products and custom development.

Reduce customer support call volumes by having the system automatically resolve common issues.

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

Log issues as cases. The case form must show variable sections based on the case type. Include a custom entity named Seats and grant agents access to the entity. Application use layout should be role specific.

#### Agents

You must standardize the format used by agents to enter customer phone numbers. Agents need a solution to replace paper reservation checklists.

Agents need dashboards to show a current count of all reservations on the entity. Agents need a way to track reservation issues.

Agents need a visual indicator in the interface to determine the reservation step to provide a seamless customer experience.

Agents need different versions of cancellation policies to send customers. One version must be controllable within the system. Agents need to view which pieces of luggage match to each passenger, and then need to add the total on the passenger record.

#### IT

IT staff needs a mobile solution to see IT cases at the top of the menu since this is their primary focus. IT staff needs a system that is easy to navigate to active cases.

IT specialists want to design Power BI reports. They need to understand the underlying table relationships of the system. IT specialists need a solution that is visual rather than text-based so they can quickly complete their tasks.

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Management requires paginated reports for stakeholders.

Management wants to provide frequent flyers with better service when the flyers call.

Managers need to see all customer dashboards at the top of their menu on their mobile device.

#### Maintenance

Maintenance supervisors must not have access to Dynamics 365 Customer Service. The supervisors must be able to communicate with the contracts team about contracts. Aircraft maintenance vendors must have only view and upload privileges to their invoices and receipts. Contracts with maintenance companies must be stored in Dynamics 365 Customer Service.

### NEW QUESTION 14

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

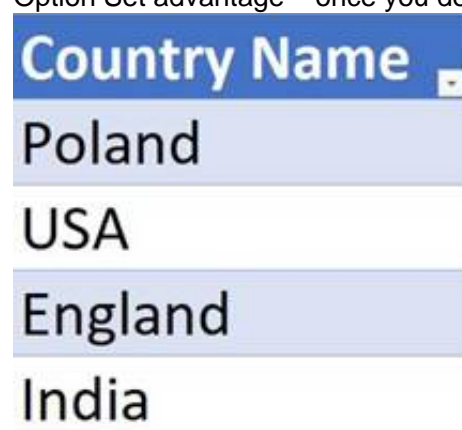
**Answer: C**

#### 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 15

DRAG DROP

You need to recommend a solution for integrating luggage information.

What should you recommend? To answer, drag the appropriate types to the correct tables. 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:

Types	Table	Type
Custom table	Luggage	
Virtual table		
Activity table	Passenger	
Custom activity table		

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

Luggage: Custom activity table

An activity can be thought of as any action for which an entry can be made on a calendar. An activity has time dimensions (start time, stop time, due date, and duration) that help determine when the action occurred or will occur. Activities also contain data that helps determine what action the activity represents, for example, subject and description.

Passenger: Customer table

The account and contact tables in Microsoft Dataverse are essential for identifying and managing customers, selling products and services, and providing superior service to the customers. A customer address table is used to store address and shipping information for a customer.

Scenario: The company has a custom app for managing and tracking passenger luggage. The app uses Microsoft Dataverse. Agents need to view which pieces of luggage match to each passenger, and then need to add the total on the passenger record.

Incorrect Answers:

\_ A virtual table is a custom table in Dataverse that has columns containing data from an external data source. Virtual tables appear in your app to users as regular table rows, but contain data that is sourced from an external database dynamically at runtime, such as an Azure SQL Database.

#### NEW QUESTION 16

You need to recommend an authentication solution for the planned implementation of Dynamics 365. What should you include in the recommendation?

- A. Use synchronized identities.
- B. Use the Office 365 tenant for Dynamics 365 Customer Service.
- C. Create a new tenant for Dynamics 365 Customer Service.
- D. Use federated identities

**Answer: A**

#### Explanation:

Scenario: Ensure that employees can sign in to all Microsoft apps by using one set of credentials per employee.

Synchronized identity. Synchronize on-premises directory objects with Microsoft 365 and manage your users on-premises. You can also synchronize passwords so that the users have the same password on-premises and in the cloud, but they will have to sign in again to use Microsoft 365.

Incorrect Answers:

D: The benefit of federation is a single sign-on experience across Dynamics 365 Customer Engagement (on-premises) and Dynamics 365 Customer Engagement (on-premises) systems. This type of identity management is useful for large corporations that have hundreds or thousands of established users.

Reference: <https://docs.microsoft.com/en-us/power-platform/admin/manage-user-account- synchronization>

#### NEW QUESTION 17

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 18**

You are a Power Apps architect for a company. The IT administrator designs a Power Apps app that is ready to be tested. The company uses application lifecycle management (ALM). Each version and solution component must be tracked as it is tested.

You need to recommend a strategy to deploy solutions for the user acceptance testing environment. What should you recommend?

- A. Use Package Deployer and deploy a managed solution.
- B. Use Package Deployer and deploy an unmanaged solution.
- C. Use Solution Packager and deploy a managed solution.
- D. Use Solution Packager and deploy an unmanaged solution.

**Answer:** D

**Explanation:**

Solution Packager is a tool that can unpack a compressed solution file into multiple XML files and other files, so they can be easily managed by a source control system. Unmanaged solution: An open solution with no restrictions on what can be added, removed, or modified. This is recommended during development of a solution.

Incorrect Answers:

A, B: Package Deployer lets administrators or developers deploy comprehensive packages of relevant assets to Dataverse instances.

C: Managed solution

A completed solution ready to be imported into an organization. Once imported, components can't be added or removed, although they can optionally allow further customization. This is recommended when development of the solution is complete.

Reference: <https://docs.microsoft.com/en-us/power-platform/alm/solution-packager-tool>

**NEW QUESTION 20**

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