

## Topic 1 - Question Set 1

Question #1

Topic 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. Dataverse connector

**DRAG DROP -**

You are designing a business continuity strategy for a client who has a Microsoft Power Platform solution.

The client works with critical data where any data loss creates a high risk.

You need to document the retry process for the stakeholders.

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.

Select and Place:

**Actions****Answer Area**

If the second call is successful,  
the application continues normally.

The application makes a service call  
to the datacenter.

The application receives an exception  
after attempting the service call.

The application automatically tries  
the call again.

The application redirects calls to  
an on-premises server.



A large company experiences high staff turnover rates. As a result, the company must add or remove multiple system user accounts daily.

You need to recommend a security concept which will facilitate complex security profiles to entities for large groups of users across the Power Apps and Dynamics

365 applications.

What should you recommend?

- A. Hierarchy security
- B. Field-level security
- C. User access management
- D. Team privileges

**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.	<table border="1"><tr><td>Choice</td></tr><tr><td>Choices</td></tr><tr><td>Customer</td></tr><tr><td>Lookup</td></tr></table>	Choice	Choices	Customer	Lookup
Choice					
Choices					
Customer					
Lookup					

| Select the tools that the technician must bring to an appointment. | |          | |----------| | Choices  | | Customer | | Lookup   | | Text     | |

▼
Choice
Choices
Customer
Lookup

▼
Choices
Customer
Lookup
Text

**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.

Business process flow
Desktop flow
Instant cloud flow
Automated cloud flow

Analyze saved images by using an image recognition process.

Instant cloud flow and AI Builder
Automated cloud flow and AI Builder
Desktop flow and AI Builder

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

A company uses manual processes to track interactions with customers. The company wants to use Power Platform to improve productivity.

The company has the following requirements:

- ⇒ Provide customers with an online portal where they can submit and review cases.
- ⇒ Ensure that customers can chat online with a customer service representative at any time.
- ⇒ Route chats to customer service representatives based on skill and availability.

You need to recommend a solution to the company.

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

NOTE: Each correct selection is worth one point.

- A. Dynamics 365 Virtual Agents chatbots
- B. Customer self-service portal
- C. Dynamics 365 Field Service
- D. Business process flows
- E. Omnichannel for Customer Service

A client uses Dynamics 365 Sales, Power BI datasets, and Power BI dataflows.

The Dynamics 365 Sales implementation has security roles that restrict data export. You need to ensure that data has the same restrictions in Power BI as it does in Dynamics 365 Sales.

You need to design the security to avoid sensitive data from being seen.

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

NOTE: Each correct selection is worth one point.

- A. Use Microsoft Dataverse restrictions before setting up the Power BI reports.
- B. Limit the role in Dynamics 365 Sales to only data allowed so it cannot be exported to Microsoft Excel.
- C. Limit the role and ensure that exporting to Microsoft Excel is not allowed in both Dynamics 365 Sales and Power BI.
- D. Share Power BI dashboards only with users who are supported to see this data.

**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	Customers need the ability to submit a case through an online portal.	<input type="text"/>
Non-functional	Portal must handle 75 current users submitting cases.	<input type="text"/>
	Service data must be retained for at least six years.	<input type="text"/>

You are a Power Platform consultant for an internet support company.

The company lacks a budget to buy third-party ISVs or add-ons.

The company requires a new system that achieves the following:

⇒ All support issues must come in by email, need to be logged, and assigned to the support group.

⇒ Accounts must synchronize with the parent company Oracle database.

⇒ Reports must be sent to the executives on a weekly basis.

⇒ No custom code will be used in the system.

You need to recommend the components that should be configured.

Which two components should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Power Virtual Agents
- B. Microsoft Dataverse
- C. server-side synchronization
- D. Microsoft Customer Voice

**DRAG DROP -**

You are performing a requirements analysis for a customer.

The customer provides the following requirements:

- ⇒ Power Platform storage capacity must remain under 100 percent.
- ⇒ Customer service representatives must be sent an email when they are assigned a case.
- ⇒ Help desk technicians must be shown an error message when they try to delete a task row.
- ⇒ The plug-in pass rate must remain over 99 percent for the production environment.

You need determine if the requirements are functional or non-functional.

Which requirement type should you use? To answer, drag the appropriate requirement types to the correct requirements. Each requirement 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**

Requirement types	Requirement	Requirement type
	Power Platform storage capacity must remain under 100 percent.	
Functional	Customer Service representatives must be sent an email when they are assigned a case.	
Non-functional	Help desk technicians must be shown an error message when they try to delete a task row.	
	The plug-in pass rate must remain over 99 percent for the production environment.	

A company has a website that contains a form named Contact Us. Data from completed forms is saved to a shared document. An office administrator periodically reviews the document. The office administrator sends new submissions to another employee who creates contacts or updates existing contacts.

You need to recommend a solution to automate the process.

What should you recommend?

- A. Excel Online Connector
- B. Dynamics 365 Customer Insights
- C. Dynamics 365 Customer Service
- D. Dynamics 365 Marketing

**HOTSPOT -**

You need to design a Power Platform solution that meets the following requirements:

Capture data from a row during deletion to be used in an automated process.

- - ⇒ Use AI to process forms and automate data entry from paper-based forms.

Which requirements can be met by using out-of-the box Power Platform components?

Instructions: For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area****Yes****No**

Capture data from a row during deletion to be used in an automated process.

Use AI to process forms and automate data entry from paper-based forms.

A company has a custom web-based API that is hosted on Azure. You design a Microsoft Power Platform solution to provide the company additional capabilities.

You need to integrate the Microsoft Power Platform solution with the API.

What should you recommend?

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

You are designing a self-service portal for a company.

The portal must meet the following requirements:

⇒ Customers must be able to submit and review cases.

⇒ Customers must be able to chat with service representatives in near real time.

Allow service representatives to select cases from queues and use knowledge articles to resolve customer concerns.

▪

You need to recommend solutions for the company that do not require custom development.

Which three apps or services should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Dynamics 365 Field Service
- B. Dynamics 365 Customer Service
- C. Omnichannel for Customer Service
- D. Customer Insights
- E. Customer self-service portal

**HOTSPOT -**

A multinational organization uses a single Power Platform environment. The instance hosts multiple customizations for different users in different regions.

Users in some regions complain about slow load time of the customizations.

You need to architect a solution based on the main requirement.

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

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

Goal	Suggested solution
Divisions actively collaborate on customers.	<p>Single instance; use Microsoft Azure Traffic Manager where needed</p> <p>Multi-tenant with one Power Platform environment in each region</p> <p>Multiple instances in different regions; Power BI for reporting</p> <p>Single multi-geo instance</p>
Regions have separate customers but use the same functionality and need global reporting.	<p>Multiple instances in different regions with data replication</p> <p>Multi-tenant with one Power Platform environment in each region</p> <p>Multiple instances in different regions; Power BI for reporting</p> <p>Single multi-geo instance</p>
Regions have separate functionality and customers but need global reporting on data.	<p>Single instance; use Microsoft Azure Traffic Manager</p> <p>Multi-tenant with one Power Platform environment in each region</p> <p>Multiple instances in different regions; Power BI for reporting</p> <p>Single multi-geo instance</p>

**HOTSPOT -**

A company reports the following issues with an existing data management system.

- ⇒ Users cannot search for specific records by using a user-friendly ID or record identifier.
- ⇒ Users occasionally enter data into fields that is not required.
- ⇒ The record form displays all fields. Many of the fields are not used.

You need to ensure that the Power Platform solution will ensure data quality can be properly maintained.

Which component 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**

Ensure that users can search for specific records by using a unique identifier.

**Solution**

Business rule
Autonumber column
Business process flow
Duplicate detection rule

You must prevent data entry into columns that do not require entry.

Business rule
Real time workflow
Business process flow
Duplicate detection rule

**DRAG DROP -**

A new customer asks you to design a solution for a Power Apps app that uses Microsoft Dataverse.

The customer wants to keep the service process simple and save on both licensing and development time.

You need to recommend solutions for the customer.

What should you recommend? To answer, drag the appropriate setting to the correct drop targets. Each source 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:

Solutions	Answer Area
Canvas app	Show the app in Microsoft Outlook.
Model-driven app	Use Universal Resource Scheduling.
Dynamics 365 Customer Service	Take notes on a mobile phone and record GPS coordinates automatically.
Scenario	Solution
	Solution
	Solution
	Solution

**DRAG DROP -**

You are reviewing a list of business requirements submitted by a plumbing company.

The company has the following requirements:

- ⇒ Send articles to technicians to allow technicians to help customers resolve issues.
- ⇒ Track work progress and inspections at customer sites.
- ⇒ Schedule technicians for service appointments.

You need to recommend solutions to meet the customer's requirements.

What should you recommend? To answer, drag the appropriate solutions to the correct business requirements. Each solution 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:

Solutions	Answer Area
Dynamics 365 Field Service	Send articles to technicians to allow technicians to help customers resolve issues.
Dynamics 365 Customer Voice	Track work progress and inspections at customer sites.
Dynamics 365 Customer Insights	Schedule technicians for service appointments.
Business requirement	Solution
	Solution
	Solution
	Solution

You are designing a Power Platform solution.

The company wants its development team to create an interactive slider visualization to indicate and filter timeframe data that can be used across all of its apps that can be styled and manipulated by using code.

You need to recommend a technology that meets these requirements.

Which technology would you recommend the developers adopt to assist the implementation team?

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

You are designing a Power Platform solution for a company. The company issues each employee a tablet device.

The company wants to simplify the opportunity management processes and automate when possible. The company identifies the following requirements:

- ⇒ Users must have a visual guide to know which data to enter in each step of the opportunity management process.
- ⇒ The system must automatically assign the opportunity to a manager for approval once all data is entered.
- ⇒ The system must notify an assignee each time an opportunity is assigned to them by using push notifications.
- ⇒ When a user selects a push notification, the associated opportunity must display.

You need to recommend the Power Platform components that will meet their requirements.

Which three Power Platform components should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Business process flows
- B. Power Apps mobile apps
- C. Power Virtual Agents chatbots
- D. Power Automate desktop flows
- E. Power Automate cloud flows

A company is struggling to gather insights from won and lost opportunities.

Users must be able to access the company's solution from mobile and desktop devices. The solution must meet the following requirements:

- ⇒ Track opportunities and reasons for the win or loss of opportunities in the context of other related data.
- ⇒ Display data to users as charts and tables and provide drill-through capabilities.

You need to recommend a Power Platform tool to help the client visualize the data.

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

NOTE: Each correct selection is worth one point.

- A. Power BI
- B. Power Automate
- C. Power Virtual Agents
- D. Power Apps

You are designing a Power Platform solution.

You need to identify the non-functional requirements for the organization.

Which three non-functional requirements should you identify? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. business rules to identify top customers
- B. customer maintenance procedures
- C. usability of business process flows
- D. time-to-load forms
- E. solution regulatory compliance

You are designing a Microsoft Power Platform solution to help a company manage sales leads.

The solution has the following requirements:

- ⇒ Ensure that users follow a predefined sales process regardless of the device that employees use to access the app.
- ⇒ Respond to sales events by using organization-defined best practices.

You need to recommend a component for the app.

What should you recommend?

- A. Power Automate cloud flow
- B. Business process flow
- C. Power Automate desktop flow
- D. Playbook

**HOTSPOT -**

A company has an on-premises data warehouse and analytics solution. The data warehouse consists of multiple multi-dimensional data cubes representing over five years of operational data. The data warehouse consolidates and normalizes data that is sourced from 20 different systems. The company plans to replace the existing solution with a Microsoft Power Platform solution that connects to the data warehouse. The company wants to provide analytical information to executives in a Microsoft Teams channel to support business planning.

The new solution must meet these requirements:

- ⇒ Support the current data warehouse.
- ⇒ The solution must support drill-through capabilities into the data.
- ⇒ Retain at least seven years of historical data.

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****Requirement****Solution**

Data storage and normalization.

<input type="checkbox"/>	▼
<input type="checkbox"/>	Data Gateway
<input type="checkbox"/>	Azure Data Lake
<input type="checkbox"/>	Dataverse for Teams
<input type="checkbox"/>	Azure Analysis Services

Visibility to key operational metrics from various Teams channels.

<input type="checkbox"/>	▼
<input type="checkbox"/>	Power BI
<input type="checkbox"/>	AI Builder
<input type="checkbox"/>	Teams adaptive cards
<input type="checkbox"/>	Microsoft Teams integration object

A company provides professional development certifications to technologies around the world. The company uses multiple call centers to support customers. The company plans to implement Dynamics 365 Customer Service.

The company must increase productivity for call center employees. The solution must meet the following requirements:

- ⇒ Handle multiple customer interactions at once
- ⇒ Ensure that users can access information from several business applications.
- ⇒ Interact with customers by using the following channels: chat, phone calls, emails, and online reviews.
- ⇒ Implement all functionality in a single interface.

You need to recommend a solution that meets the requirements of the company.

What should you recommend?

- A. Omnichannel for Customer Service
- B. Live Assist for Microsoft Dynamics 365 Powered by CafeX
- C. LinkedIn connector
- D. Unified Service Desk

HOTSPOT -

You are designing a Microsoft Power Platform solution for a company.

Which components 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

Allow users to change the status of a record only if a custom column named Reason is populated.

### Component

Business rule
Power Automate flow
Asynchronous plug-in
Background workflow

Prompt users to update each opportunity product record when an opportunity is won or lost.

JavaScript code
Real-time workflow
Power Automate flow
Asynchronous plug-in

An organization plans to implement a solution to deliver the complete sales process for its sales teams. The organization does NOT have any physical barcode scanners.

To meet the organization business requirements, the proposed solution must include the following capabilities:

- ⇒ Create and qualify leads to contacts
- ⇒ Generate quotes and convert quotes to orders
- ⇒ Scan product barcodes as part of the order generation process

You need to recommend a solution to help the organization achieve its business requirements.

What should you recommend?

- A. Dynamics 365 mobile app and a Power Apps canvas app
- B. Dynamics 365 for Phones only
- C. Dynamics 365 Customer Service and Dynamics 365 Sales
- D. Unified Service Desk

You are creating a scope of work document for a solution.

You have the following requirements:

- ⇒ Track support cases, first response time, and resolution time.
- ⇒ Include a chat-like interface that allows managers to check the status of cases with minimal manual searching.
- ⇒ Allow cases to have multiple different priority levels.

You need to include the required Dynamics 365 and Microsoft Power Platform components.

Which two components should you include? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Dynamics 365 Customer Service
- B. Power Virtual Agents
- C. Power BI
- D. Dynamics 365 Customer Voice

A car dealership has a custom financing table.

You are working with a developer to add a button to a ribbon that displays a hidden section of a form when specific criteria are met.

You need to recommend tools and technologies for the developer.

Which two tools or technologies should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Write a business rule.
- B. Write a JavaScript code.
- C. Use the Ribbon Workbench.
- D. Use the form editor.

HOTSPOT -

You are designing a model-driven app that provides marketing, sales, and service operations to a company.

The app must integrate with the following systems and data sources:

- ⇒ A third-party marketing system for lead generation and website submissions.
- ⇒ A Microsoft Excel Online file that contains manufacturing data on relevant products.
- ⇒ A separate Microsoft Dataverse environment.

You need to recommend Power Automate connectors for the app.

Which connectors 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

Data source	Connector type
Third-party marketing system	<ul style="list-style-type: none"><li>Power BI connector</li><li>SharePoint connector</li><li>Custom connector</li><li>Microsoft Forms connector</li></ul>
Microsoft Dataverse environment	<ul style="list-style-type: none"><li>SharePoint</li><li>Azure Data Factory</li><li>Microsoft Dataverse</li></ul>

Power BI connector
SharePoint connector
Custom connector
Microsoft Forms connector

SharePoint
Azure Data Factory
Microsoft Dataverse

You are designing a solution for a national vehicle repair company.

You have the following requirements:

- ⇒ Customers must search for vehicle issues by using natural language expressions.
- ⇒ Customers must contact a customer service agent as required.

You need to recommend a solution.

Which two features should you include? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Power Apps portal
- B. Power Virtual Agents
- C. Customer Insights
- D. Business process flow

You are implementing a solution that includes applications which perform high-volume Microsoft Dataverse operations.

The applications must not experience a loss of functionality or loss of performance due to service protection API limits.

You need to evaluate metrics for the service protection API limits.

Which three metrics should you evaluate? Each correct answer part of the solution.

NOTE: Each correct selection is worth one point.

- A. Amount of API calls made within plug-in code.
- B. Number of API requests per web server.
- C. Amount of execution time that can be used for each connection.
- D. Number of concurrent connections per user account.
- E. Number of API requests per connection.

**DRAG DROP -**

A client plans to implement Microsoft Power Platform solutions.

The client identifies the following requirements for handling opportunities:

- ⇒ Users must follow the same set of steps each time they process opportunities.
- ⇒ For opportunities with values greater than \$20,000, a follow-up date and second contact field must appear on the form.
- ⇒ An error message must display if a follow-up date is not within seven days of the opportunity creation date.

You need to recommend tools to meet the client requirements.

What should you recommend? To answer, drag the appropriate tools to the correct requirement. Each tool 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:

Tools	Answer Area
Business Rule	
Workflows	
Business process flow	
Requirement	Tool
Users must follow the same set of steps each time they process opportunities.	Tool
For opportunities with values greater than \$20,000, a follow-up date and second contact field must appear on the form.	Tool
An error message must display if a follow-up date is not within seven days of the opportunity creation date.	Tool

**HOTSPOT -**

You are a Microsoft Power Platform architect designing integrations for a project.

You have the following integration requirements:

Post requests to a system that is not always available and limited in its ability to process high volumes of messages.

- - ⇒ Allow peer-to-peer communication between on-premises services and cloud-based model-driven Microsoft Power Platform apps.
  - ⇒ Stream large volumes of data from the company's website to a live Power BI dashboard.
  - ⇒ Support enterprise-level integrations with Dynamics 365 that can be billed on a consumption basis.

You need to use an Azure service for the integration requirements.

Which Azure services 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**

Post requests to a system that is not always available and limited in its ability to process high volumes of messages.

**Service**

Azure Service Bus
Azure Notification Hub
Azure Active Directory
Azure ExpressRoute

Allow peer-to-peer communication between on-premises services and cloud-based model-driven Microsoft Power Platform apps.

Azure Relay
Azure SQL
Azure Cognitive Services
Azure API Management

Stream large volumes of data from the company's website to a live Power BI dashboard.

Azure Event Hubs
Azure Service Bus
Azure SQL

Support enterprise-level integrations with Dynamics 365 that can be billed on a consumption basis.

Azure Logic Apps
Azure Functions
Azure Service Bus

**DRAG DROP**

You are a Microsoft Power Platform architect reviewing requirements for an offline shopping app.

You need to identify requirement types for the app.

How should you categorize the requirements? 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.

Categories	Answer Area	Category
Functional	<b>Requirement</b> The app must automatically send a confirmation email to a customer when they place an order.  Credit card numbers must be encrypted.	
Non-functional		

You are designing a Microsoft Power Platform solution.

The solution requires Microsoft Power Platform components and custom coding.

You need to describe the benefits of using Microsoft AppSource.

Which are three benefits of AppSource? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. App uptime of at least 99.9 percent
- B. Azure Active Directory federated single sign-on (AAD federated SSO)
- C. Microsoft standardized license agreement and privacy policy
- D. Reduced coding efforts because anyone can publish in AppSource
- E. Free trial before committing to any additional costs

**DRAG DROP**

You are a Microsoft Power Platform solution architect capturing requirements for a national retail chain project.

The project has the following requirements:

- Retail employees must use the application on a company-provided tablet device.
- The app must store data offline.
- Environment capacity must be monitored to ensure usage stays within 80 percent of available capacity.
- Apps are shared with security group teams for users to access.

You need to identify the project's functional and non-functional requirements.

How should you categorize the requirements? To answer, drag the appropriate categories to the correct requirements. Each category 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.

Categories	Answer Area	Requirement	Category
Functional		Retail employees must use the application on a company-provided tablet device.	
Non-functional	⋮	The app must store data offline.	
	⋮	Environment capacity must be monitored to ensure usage stays within 80 percent of available capacity.	
	⋮	Apps are shared with security group teams for users to access.	

You are assessing the capabilities of a project for a customer in the education sector.

The solution must meet the following requirements:

- Include curriculum and student management capabilities.
- Conform to on-going Microsoft platform upgrades.
- Minimize custom coding and configuration.

You need to recommend a solution.

What should you recommend?

- A. Microsoft Power Platform admin center
- B. Microsoft 365 admin center
- C. Power Apps portal
- D. AppSource

**HOTSPOT**

You are a Microsoft Power Platform architect gathering solution requirements for a customer. Management uses three different systems to locate asset inventory and contract details.

Management must view inventory with the ability to select assets and view additional details. Sales representatives have issues locating assets based on specific features in a timely manner when working with customers.

You need to prioritize the requirements.

Which priority should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

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## Answer Area

Requirement	Priority
Enable sales representatives to locate assets in less time	<input type="checkbox"/> Time Consumer <input type="checkbox"/> Non-functional <input type="checkbox"/> Functional <input type="checkbox"/> Quick Win
Enable management to view inventory and asset details	<input type="checkbox"/> Big Investment <input type="checkbox"/> Non-functional <input type="checkbox"/> Budget <input type="checkbox"/> Functional

**DRAG DROP**

You are a Microsoft Power Platform architect.

You have identified several project risks.

You need to categorize potential risks that are specific to your customer.

How should you categorize the risks? To answer, drag the appropriate categories to the correct risks. Each category 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.

**Categories**

- Resource risk
- Business risk
- External risk
- Security risk

**Answer Area****Risk**

The project requires integration to custom-built on-premises systems that store business-sensitive data.

The organization is currently making significant go-to-market strategy adjustments.

The customer has a limited budget in relation to the project requirements.

**Category**

- 
- 
-

You are designing a Microsoft Power Platform solution that will include multiple applications.

You have the following requirements:

- Support agents managing cases.
- Project managers reviewing and updating their projects.
- Stock managers managing warehouses.
- New site visitors self-registering.
- Employees tracking time entries.

Which three requirements can you meet by implementing role-based applications? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. New site visitors self-registering.
- B. Support agents managing cases.
- C. Stock managers managing warehouses.
- D. Staff tracking time entries.
- E. Project managers reviewing and updating their projects.

#### DRAG DROP

You are a Microsoft Power Platform architect reviewing requirements for an online shopping app.

You need to identify requirement types for the app.

How should you categorize the requirements? 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.

Categories	Answer Area	Category
Functional	Requirement	
Non-functional	<ul style="list-style-type: none"><li>The app must automatically send a confirmation email to a customer when they place an order.</li><li>Credit card numbers must be encrypted.</li></ul>	

**HOTSPOT**

A legal services organization uses Microsoft SharePoint for case management and documentation. The organization plans to migrate its case data and manual processes to the Microsoft Power Platform and Microsoft Dataverse. Case data is confidential and is disclosed only to the employees assigned to a case.

The organization has the following requirements:

- Lawyers must manage their assigned legal cases and case documentation in one app.
- Paralegals must be able see a lawyer's case details only when invited by the case lawyer.
- Paralegals retain access to the case documentation by using the existing SharePoint permissions.

You need to identify which components will satisfy the requirements without any custom development.

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	Component
Lawyer app	<input type="checkbox"/> Canvas app <input type="checkbox"/> Model-driven app <input checked="" type="checkbox"/> Microsoft Teams channel app for lawyers only <input type="checkbox"/> Microsoft Teams channel app shared with lawyers and paralegals
Paralegal app	<input type="checkbox"/> Canvas app <input type="checkbox"/> Custom page <input type="checkbox"/> SharePoint app <input type="checkbox"/> Microsoft Teams channel app

**DRAG DROP**

A company plans to integrate Microsoft Power Platform with existing systems, including Microsoft Dynamics 365 Omnichannel for Customer Service.

You need to recommend a solution for each requirement.

Which components should you recommend for the requirements?

To answer, drag the appropriate solutions to the correct requirements. Each solution 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.

Solutions	Answer Area	
	Requirement	Solution
Microsoft Power Virtual Agent	Display information about the contact in the Omnichannel app.	
Custom pages	Ensure only tables needed are exposed for integration purposes.	
Custom API	Display data hierarchy from other systems within Dynamics 365 without saving the data within Microsoft Dataverse.	

**HOTSPOT**

You are performing a fit gap requirements analysis.

You need to select Microsoft Power Platform components to satisfy the requirements.

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	Component
Coordinate long-term end-to-end delivery of financial counseling services to farmers.	<input type="checkbox"/> Model-driven app <input type="checkbox"/> Power Virtual Agents <input type="checkbox"/> Dynamics 365 Customer Voice
Manage project accounting and recognize revenue compliant with international financial reporting standards.	<input type="checkbox"/> Dynamics 365 Project Operations <input type="checkbox"/> Dynamics 365 Field Service <input type="checkbox"/> Dynamics 365 Finance
Notify users of their overdue tasks on a daily basis.	<input type="checkbox"/> Power Automate <input type="checkbox"/> Power Virtual Agents <input type="checkbox"/> AppSource

A company has an expense approval process that allows expenses to be submitted in multiple currencies.

An accountant converts the expense amount to USD as part of the approval process.

You need to automate the conversion by using the RESTful API.

What should you do?

- A. Create a desktop flow. Use an Invoke web service action to get the currency conversion rate.
- B. Create a desktop flow. Use an Azure action to get the currency conversion rate.
- C. Create a cloud flow. Use the Microsoft Graph API to get the currency conversion rate.
- D. Create a cloud flow and a custom connector. Install a data gateway. Use the custom connector to get the currency conversion rate by using the data gateway.

A company plans to use Microsoft Power Platform. The company gathers business requirements about data.

You need to identify the functional requirements.

Which two requirements about data should you gather? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Delete in bulk after seven years.
- B. Go through a specified approval process.
- C. Remain compliant.
- D. Retain for 10 years.
- E. Store in Microsoft Dataverse.

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.

A company uses a Microsoft Excel sheet to manage its loan application process.

The company wants to optimize the process.

You need to discover inefficiencies in the process.

Solution: Upload the activity data stored in the Excel sheet to the process advisor feature. Use process mining to discover inefficiencies in the process.

Does the solution meet the goal?

- A. Yes
- B. No

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.

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You need to discover inefficiencies in the process.

Solution: Record the actions required to complete the loan application process in the process advisor feature. Use process mining to discover inefficiencies in the process.

Does the solution meet the goal?

- A. Yes
- B. No

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The company wants to optimize the process.

You need to discover inefficiencies in the process.

Solution: Record the actions required to complete the loan application process in the process advisor feature. Use task mining to discover inefficiencies in the process.

Does the solution meet the goal?

- A. Yes
- B. No

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You need to discover inefficiencies in the process.

Solution: Upload the activity data stored in the Excel sheet to the process advisor feature. Use task mining to discover inefficiencies in the process.

Does the solution meet the goal?

- A. Yes
- B. No

**HOTSPOT**

A company uses Dynamics 365 Field Service to manage onsite services provided by frontline workers.

The company has the following requirements:

- Onsite inspectors must be able to collaborate with remote inspectors to carry out inspections.
- Customer support teams must be able to easily manage and maintain knowledge articles based on customer questions and feedback.

You need to recommend a product that can be implemented for each requirement.

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

NOTE: Each correct selection is worth one point.

**Answer Area****Requirement****Product**

Enable collaboration between onsite inspectors and remote inspectors.

Power Virtual Agents
Dynamics 365 Remote Assist
Dynamics 365 Customer Voice
Dynamics 365 Customer Insights

Enable management and maintenance of knowledge articles.

AI Builder
Dynamics 365 Customer Voice
Dynamics 365 Customer Service
Dynamics 365 Customer Insights

You design a Microsoft Power Platform solution for a company.

The company has an existing Azure SQL database with customer information that it wants to continue using. The company wants to share access to data that is held in Azure SQL with the following people:

- internal company employees, using built-in process functionality
- external customers to view their data

You need to recommend the appropriate components to use for the application.

Which two components should you recommend?

Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Power Pages
- B. Custom pages
- C. Canvas app
- D. Model-driven app

**HOTSPOT**

A food distribution terminal uses Microsoft Dynamics 365 Field Service and Microsoft Dynamics 365 Supply Chain Management to manage inventory and fulfill customer orders. Customers place custom orders through a Power Pages customer portal. Customers can enter different receiving times and dates on fresh produce order lines.

The terminal needs to expose fresh produce order details from Dynamics 365 to its customers in the portal. Customers can control how much detail they see in the portal.

You need to design a solution that meets the requirements.

Which mechanism should you use for each requirement?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area****Requirement**

Retrieve data representing fresh produce details.

**Mechanism**

<input type="checkbox"/>
Basic form
Data gateway
Advanced form
Custom connector

Expose the fresh produce details.

<input type="checkbox"/>
Portal Management app
Customer Service Insights
Microsoft Power Platform admin center
Microsoft 365 Apps admin center

**DRAG DROP**

A company has a call center that manages customer-related issues.

The company has the following customer experience improvement requirements:

- Simulate a human conversation with a customer by providing a chat interface.
- Ensure the initial conversation is passed to a live agent upon escalation.

You need to recommend a solution for each requirement.

Which solutions should you recommend? To answer, drag the appropriate solutions to the correct requirements. Each solution 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.

Solutions	Answer Area	
	Requirement	Solution
Power Virtual Agents	Provide an automated chat interface.	<input type="text"/>
Dynamics 365 Remote Assist		<input type="text"/>
Dynamics 365 Customer Service	Pass conversation to a live agent upon escalation.	<input type="text"/>
Omnichannel for Customer Service		<input type="text"/>

A pharma company uses a proprietary system to manage its chemical experiments. The company uses Microsoft Dynamics 365 Project Operations to manage lab staff and resources.

Employees manually update Project Operations data with data from their proprietary system as needed. Employees are not able to provide a definite schema for their data.

You need to provide a solution that will allow employees to configure their own automatic updates.

Which component should you use?

- A. Dataflows
- B. Custom connectors
- C. Data gateways
- D. Microsoft Power Automate flows

## DRAG DROP

### 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 Microsoft 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 Microsoft Entra ID.

- 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 jobs and potential workers.
- Workers must be able to communicate in near real-time with worker support agents.
- You must minimize development and administrative effort required to implement the solution.

#### 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 Microsoft 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 skill 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 Microsoft 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.

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.

### Technologies

Microsoft Teams

Power Pages

Microsoft 365 Business Voice

### Answer Area

#### Group of users

First Up employees

#### Technology

Workers

Question #59

Topic 1

A company has an expense approval process that allows expenses to be submitted in multiple currencies.

An accountant converts the expense amount to USD as part of the approval process.

You need to automate the conversion by using the RESTful API.

What should you do?

- Create a desktop flow. Use an Invoke web service action to get the currency conversion rate.
- Create a desktop flow. Use an Azure action to get the currency conversion rate.
- Create a cloud flow. Use the Microsoft Graph API to get the currency conversion rate.
- Create a desktop flow. Use a browser automation action to get the currency conversion rate.

You are assessing the capabilities of a project for a customer in the education sector.

The solution must meet the following requirements:

- Include curriculum and student management capabilities.
- Conform to on-going Microsoft platform upgrades.
- Minimize custom coding and configuration.

You need to recommend a solution.

What should you recommend?

- A. Microsoft Power Platform admin center
- B. Microsoft 365 admin center
- C. Power Pages
- D. AppSource

A company plans to implement robotic process automation (RPA).

The company wants to reuse existing online support content.

You need to recommend a component that uses the company's existing online support content.

Which component should you recommend?

- A. Questions
- B. Topics
- C. Variables
- D. Conditions

A company plans to use Microsoft Power Pages. The company gathers business requirements.

You need to identify the functional requirements.

Which two requirements should you gather? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. A Power Pages site must be able to handle 100 concurrent external site visitors.
- B. Users must be able to control the use of their personal data in Microsoft Dataverse.
- C. Users must be able to log in to a Power Pages site by using single sign-on.
- D. Azure Front Door and Power Pages must be used to improve caching capabilities.
- E. Users must be able to submit a service request on a Power Pages site.

You are designing a Microsoft Power Platform solution for a customer.

The customer is developing an application that needs to use an existing Microsoft SharePoint list. The application must be able to:

- allow view access for external customers.
- use out-of-the-box processes for access for employees.

You need to recommend components for the application.

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

NOTE: Each correct selection is worth one point.

- A. Custom pages
- B. Canvas app
- C. Model-driven app
- D. Power Pages

DRAG DROP

-

Case study

-

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#### Background

VanArsdel, Ltd. builds custom homes. The company has one Azure tenant and uses multiple systems to manage the sales, construction, and warranties of the homes.

The company has three departments: sales, construction, and warranty. Sales, contract, and warranty information is not shared among the departments.

The owner of VanArsdel, Ltd. requires a consolidated system that the company can use to track each home's progress.

#### Sales

#### Current environment

- Company employees use Microsoft Outlook for all communications.
- Company employees use Microsoft Word to create sales contracts.
- Employees in the sales department are frequently in different locations and work different hours from each other.
- Employees in the sales department use a Contracts team in Microsoft Teams to collaborate.
- The company uses a third-party marketing tool to update contacts every day.

#### Requirements

- Contacts' names must be formatted before they are imported from the third-party marketing tool.

- The company must retain contracts for five years.
- The company requires that the sales department display the All Contracts view in Microsoft Teams.
- All contract information must be stored in the All Contracts view.
- Contracts must not be lost if a device is lost or stolen.

#### Issues

-

- Employees in the sales department store contracts on their local computers.
- The construction team receives a copy of a contract only when the sale of a home is complete.

#### Construction

-

#### Current environment

-

- Employees in the construction department use Project Online to manage schedules.
- Employees in the construction department use Microsoft Excel to manage costs of projects.
- The main supplier of construction materials provides an API to the company. The company uses the API to manage suppliers for projects in near real time.

#### Requirements

-

- Employees in the construction department must be able to demonstrate how their work is performed rather than document their process.
- The company requires that project schedules be created less than a week after a contract is signed.
- A field must sum up the costs of the materials.

#### Issues

-

- Employees in the construction department are unable to schedule resources because they are not informed of future projects.
- Employees in the construction department currently enter basic project information manually for each software application.

#### Warranty

-

#### Current environment

-

- Employees in the warranty department use Excel to track project issues and resolutions.
- The company requires that employees in the warranty department meet with each other in person to discuss their job roles.

## Requirements

- The company requires that warranty claims be resolved in less than a month.
- The company requires that all claims be entered in the system along with their related issues.
- If a claim is found to be invalid, the company requires that the claim and its related issues be deleted.

## Issue

- Employees in the warranty department report that they are frequently sent to homes without knowledge of what is in scope for the project.

## Requirements

- The new system must use the development and production environments.
- The development environment must be the master of all changes.
- All table changes must be added to a solution. Changes to the solution must not be allowed to be made in the production environment.
- Each department must have a custom app. Employees must be able to access only their department's app.
- All sales, contract, and warranty data must be shared among the departments.
- The project manager must be solely responsible for creating and owning the deployment plan for projects.
- All projects must run by using the Agile methodology.
- The deployment plan must include the environment setup, training plan, rollout strategy, and deployment support.

## Issue

The IT manager reports that the deployment plan is not complete.

You need to conduct discovery meetings to gather information for each job role.

Which type of meeting should you use for each department? To answer, move the appropriate meeting types to the correct departments. You may use each meeting type once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

### Meeting type for each department

#### Meeting types   Department   Meeting type

job shadowing	construction	<input type="text"/>
surveys	sales	<input type="text"/>
workshops	warranty	<input type="text"/>

**DRAG DROP****Case study**

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**Sales**

## Current environment

---

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- Company employees use Microsoft Word to create sales contracts.
- Employees in the sales department are frequently in different locations and work different hours from each other.
- Employees in the sales department use a Contracts team in Microsoft Teams to collaborate.
- The company uses a third-party marketing tool to update contacts every day.

## Requirements

---

- Contacts' names must be formatted before they are imported from the third-party marketing tool.
- The company must retain contracts for five years.
- The company requires that the sales department display the All Contracts view in Microsoft Teams.
- All contract information must be stored in the All Contracts view.
- Contracts must not be lost if a device is lost or stolen.

## Issues

---

- Employees in the sales department store contracts on their local computers.
- The construction team receives a copy of a contract only when the sale of a home is complete.

## Construction

---

### Current environment

---

- Employees in the construction department use Project Online to manage schedules.
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## Requirements

---

- Employees in the construction department must be able to demonstrate how their work is performed rather than document their process.
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- A field must sum up the costs of the materials.

## Issues

---

- Employees in the construction department are unable to schedule resources because they are not informed of future projects.
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#### Warranty

-

#### Current environment

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- Employees in the warranty department use Excel to track project issues and resolutions.
- The company requires that employees in the warranty department meet with each other in person to discuss their job roles.

#### Requirements

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- The company requires that warranty claims be resolved in less than a month.
- The company requires that all claims be entered in the system along with their related issues.
- If a claim is found to be invalid, the company requires that the claim and its related issues be deleted.

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- Employees in the warranty department report that they are frequently sent to homes without knowledge of what is in scope for the project.

#### Requirements

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- The new system must use the development and production environments.
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- All sales, contract, and warranty data must be shared among the departments.
- The project manager must be solely responsible for creating and owning the deployment plan for projects.
- All projects must run by using the Agile methodology.
- The deployment plan must include the environment setup, training plan, rollout strategy, and deployment support.

#### Issue

-

The IT manager reports that the deployment plan is not complete.

You need to configure Microsoft Dataverse to retrieve external data for the sales and construction departments.

Which connection methods should you use? To answer, move the appropriate connection methods to the correct requirements. You may use each connection method once, more than once, or not at all. You may need to move the spit bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

### Connection methods

Connection methods	Requirement	Connection method
connector	Retrieve data from the third-party marketing data source.	<input type="text"/>
dataflow	Retrieve data from the supplier data source.	<input type="text"/>
virtual table		<input type="text"/>

Question #66

Topic 1

Case study -

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Background -

VanArsdel, Ltd. builds custom homes. The company has one Azure tenant and uses multiple systems to manage the sales, construction, and warranties of the homes.

The company has three departments: sales, construction, and warranty. Sales, contract, and warranty information is not shared among the departments.

The owner of VanArsdel, Ltd. requires a consolidated system that the company can use to track each home's progress.

Sales -

Current environment -

- Company employees use Microsoft Outlook for all communications.
- Company employees use Microsoft Word to create sales contracts.
- Employees in the sales department are frequently in different locations and work different hours from each other.
- Employees in the sales department use a Contracts team in Microsoft Teams to collaborate.
- The company uses a third-party marketing tool to update contacts every day.

Requirements -

- Contacts' names must be formatted before they are imported from the third-party marketing tool.
- The company must retain contracts for five years.
- The company requires that the sales department display the All Contracts view in Microsoft Teams.
- All contract information must be stored in the All Contracts view.
- Contracts must not be lost if a device is lost or stolen.

Issues -

- Employees in the sales department store contracts on their local computers.
- The construction team receives a copy of a contract only when the sale of a home is complete.

Construction -

Current environment -

- Employees in the construction department use Project Online to manage schedules.
- Employees in the construction department use Microsoft Excel to manage costs of projects.
- The main supplier of construction materials provides an API to the company. The company uses the API to manage suppliers for projects in near real time.

Requirements -

- Employees in the construction department must be able to demonstrate how their work is performed rather than document their process.
- The company requires that project schedules be created less than a week after a contract is signed.
- A field must sum up the costs of the materials.

Issues -

- Employees in the construction department are unable to schedule resources because they are not informed of future projects.
- Employees in the construction department currently enter basic project information manually for each software application.

Warranty -

Current environment -

- Employees in the warranty department use Excel to track project issues and resolutions.
- The company requires that employees in the warranty department meet with each other in person to discuss their job roles.

Requirements -

- The company requires that warranty claims be resolved in less than a month.
- The company requires that all claims be entered in the system along with their related issues.
- If a claim is found to be invalid, the company requires that the claim and its related issues be deleted.

Issue -

- Employees in the warranty department report that they are frequently sent to homes without knowledge of what is in scope for the project.

Requirements -

- The new system must use the development and production environments.
- The development environment must be the master of all changes.
- All table changes must be added to a solution. Changes to the solution must not be allowed to be made in the production environment.
- Each department must have a custom app. Employees must be able to access only their department's app.
- All sales, contract, and warranty data must be shared among the departments.
- The project manager must be solely responsible for creating and owning the deployment plan for projects.
- All projects must run by using the Agile methodology.
- The deployment plan must include the environment setup, training plan, rollout strategy, and deployment support.

Issue -

The IT manager reports that the deployment plan is not complete.

You need to resolve the deployment plan issue.

What should you request?

- A. the IT manager adds a data migration strategy
- B. the project manager adds a testing plan
- C. the IT manager adds a responsibility matrix
- D. the project manager adds a risk assessment

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Issue -

The IT manager reports that the deployment plan is not complete.

You need to identify a product that can perform the functions of the current tools with minimal custom development.

Which product should you use?

- A. Dynamics 365 Customer Service
- B. Power Apps with an industry accelerator
- C. Power Apps canvas app with a Microsoft template
- D. Dynamics 365 Project Operations

Question #68

Topic 1

HOTSPOT

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Case study

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## Issue

The IT manager reports that the deployment plan is not complete.

You need to identify the user stories for each department.

How should you define the user stories? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

### Department user stories

sales

Contracts must be retained for five years.  
Contracts should be accessible by everyone.  
As a salesperson, I store my contracts on my device so that I can access them easily.  
As a salesperson, I need to store my contracts in a shared location to reduce the risk of losing them if my device fails.

construction

Schedules should be viewed only by the construction team.  
Schedules must be created within a week after a contract is signed.  
As a construction scheduler, I schedule resources based on the information provided by the sales team.  
As a construction scheduler, I need to be able to view potential contracts so that I can estimate required resources.

warranty

Warranty claims should be addressed within a month.  
Warranty claims must be submitted within the specified period outlined in a contract.  
As a warranty inspector, I inspect homes without knowing what the warranty includes.  
As a warranty inspector, I need to view a contract before I inspect a home so that I know what should be covered by the warranty.

Question #69

Topic 1

**DRAG DROP**

A medium-size company is evaluating Microsoft Power Platform functionality to enhance its business processes. The company currently uses a mix of spreadsheet tools and an outdated CRM system.

The company requires the following business solutions:

- bidirectional data sync between the outdated system and a new custom app
- improved efficiency of data transfers
- comprehensive real-time sales data displays

You need to configure the solution components for each requirement.

Which components should you configure? To answer, move the appropriate solution components to the correct requirements. You may use each solution component once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Solution components**

Power Apps
Power Automate
Power BI
Power Platform dataflows

**Microsoft Power Platform solution components**

**Requirement**

Bidirectional data sync between outdated system and new custom app

Improved efficiency of data transfers

Comprehensive real-time sales data displays

**Solution component**


**DRAG DROP**

You are working on a project with a logistics company. The company plans to digitally transform its business by using Microsoft Power Platform.

You lead several requirements workshops with stakeholders.

The workshops result in the need for the following solutions:

- Allow users to place orders, track order status, and receive notifications about order shipments.
- Provide availability 24 hours a day, excluding scheduled maintenance windows.
- Support real-time tracking of inventory levels.

You need to categorize each of the captured requirements.

Which category should you use for each requirement? To answer, move the appropriate categories to the correct requirements. You may use each category once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Categories	Categorizing requirements for organizational goals	Category
Functional	Ability to place orders, track order status, and receive shipment notifications	
Non-functional	24-hour availability, excluding scheduled maintenance windows	
	Real-time tracking of inventory levels	

**HOTSPOT**

You are implementing a Microsoft Power Platform project for a company.

The company has the following requirements for the project:

- Employees must be able to connect to the Microsoft cloud environment from their on-premises network by using a private connection.
- Employees must be able to create controls for applications that can be reused in applications and projects.

You need to implement the appropriate solutions.

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

NOTE: Each correct selection is worth one point.

**Microsoft Power Platform solutions****Requirement**

Connect from the on-premises network to the Microsoft cloud environment.

**Solution**

Azure Event Hub  
Azure ExpressRoute  
Custom connector  
On-premises data gateway

Create controls that can be reused.

Center of Excellence Developer Compliance Center  
Center of Excellence nurture components  
Center of Excellence theming components  
Creator Kit

**DRAG DROP**

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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 Microsoft 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 Microsoft Entra ID.
- 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 jobs and potential workers.
- Workers must be able to communicate in near real-time with worker support agents.
- You must minimize development and administrative effort required to implement the solution.

### 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 Microsoft 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 skill 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.

## Deployment

-

- Application development work should be completed in the development environment and follow lifecycle management best practices.
- Solutions need to be able to be checked for issues before deploying from the development environment to other environments.

## 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 Microsoft 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.
- Currently all route planning for the audit team is done manually. This does not always result in the best route for the mobile audit teams, especially when many appointments are scheduled. Lack of optimization can lead to missed visits with companies.

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.

### Technologies

Microsoft Teams

Power Pages

Microsoft 365 Copilot

### Answer Area

#### Group of users

First Up employees

Workers

#### Technology

## DRAG DROP

A national retail company has multiple data sources, including the following:

- online e-commerce platform
- CRM system
- HR system
- customer support system

The company requires a unified view that includes all relevant data for the following data source requirements:

- include certification information for employees
- understand purchasing behavior and preferences
- enhance customer service

You need to configure the solutions.

Which data source should you configure for each requirement? To answer, move the appropriate data sources to the correct requirements. You may use each data source once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Data sources	Data source solutions	
HR system	Certification information for employees	
E-commerce platform	Purchasing behavior dataset	
Customer support system	Customer service dataset	
Social media engagement		

You are meeting with a user at a financial institution to gather app requirements.

The app must meet the following requirements:

- Be enabled for mobile use.
- Respond in less than five seconds.
- All data transmitted over the network must be encrypted.

You need to categorize the type of requirements you captured.

Which two requirement types are captured? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. non-functional
- B. feasibility
- C. functional
- D. exception
- E. compliance

A company uses Microsoft Power Platform. The company plans to expand to other countries/regions.

The chief operating officer (COO) must assess compliance risks related to the planned expansion.

You need to direct the COO to the compliance information.

Where should you direct the COO?

- A. Microsoft Defender
- B. Microsoft Power Platform admin center
- C. Microsoft Trust Center
- D. Microsoft 365 admin center

You are documenting a company's current enterprise architecture.

You need to evaluate the architecture of the data to identify its influences.

Which three data influences should you ask the company about? Each correct answer presents a complete solution. (Choose three.)

NOTE: Each correct selection is worth one point.

- A. user access
- B. quality
- C. pain points
- D. location
- E. history

**HOTSPOT**

A company plans to use Microsoft Dynamics 365 and Microsoft Power Platform.

The company has the following requirements:

- Schedule onsite visits for customers per availability.
- Generate invoices based on services delivered to customers.

You need to recommend a solution to meet the requirements.

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

NOTE: Each correct selection is worth one point.

**Answer Area**

Requirement	Solution
Schedule onsite visits.	<input type="checkbox"/> Dynamics 365 Field Service <input type="checkbox"/> Dynamics 365 Customer Service <input type="checkbox"/> Dynamics 365 Customer Insights <input type="checkbox"/> Omnichannel for Customer Service
Generate invoices.	<input type="checkbox"/> Dynamics 365 Marketing <input type="checkbox"/> Dynamics 365 Field Service <input type="checkbox"/> Dynamics 365 Remote Assist <input type="checkbox"/> Dynamics 365 Customer Service

**HOTSPOT**

A customer requires information about how to ensure key success criteria will be met at the end of a project.

You need to describe how the key success criteria will be managed.

Which actions should you describe? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area****Actions to manage key success criteria****Requirement**

Define how the key success criteria will be met.

**Action**

Manage activity in the presales and initiation phase.  
Manage activity in the implementation phase.  
Manage activity in the operation phase.

Manage adjustments to scope to meet key success criteria.

Update the project charter.  
Perform change management.  
Communicate variance to stakeholders.

You conduct an initial discovery meeting with a manufacturer. The manufacturer plans to modernize its current sales order system by using Microsoft Power Platform and AI-generated product suggestions. Data architecture is a top concern for the company.

The company requires assistance to identify risk factors related to the use of data with AI-generated product suggestions.

You need to ask follow-up questions to assess the risk factors.

Which two questions should you ask? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. Which type of access will users require for the application?
- B. What is the budget for implementing and maintaining the solution?
- C. Which data do you plan to use to train and use with AI?
- D. Which privacy or residency concerns does the company have?
- E. How will the company capture feedback to improve accuracy of the AI model?

A company processes a large volume of customer service requests daily. The company manages customer service requests through a combination of email, a CRM system, and manual processes.

The company requires streamlined customer service operations. The improved processes must provide the following solution:

- Reduce response times.
- Improve customer satisfaction.
- Include the use of AI to prioritize cases based on specific keywords used by the customer.

You need to design a solution that includes AI Builder.

Which feature should you use in addition to AI Builder?

- A. Power Automate
- B. Exchange server-side sync
- C. Logic app
- D. Dataflows

A large retail chain plans to add a chatbot to its website for customer support operations.

The company has the following requirements for the chatbot integration:

- The chatbot must integrate with the existing knowledge base.
- Agents must participate in the chat when there is a customer escalation.
- The chatbot must adhere to all relevant regulatory and compliance requirements.
- The chatbot must generate accurate and relevant responses to common customer queries.
- The solution must scale to handle high volumes of customer interactions.

You need to identify the non-functional chatbot requirements.

Which two requirements are non-functional? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. Scale to handle high volumes of customer interactions.
- B. Require agent participation in the chat when there is a customer escalation.
- C. Generate accurate and relevant responses to common customer queries.
- D. Integrate with the existing knowledge base.
- E. Adhere to all relevant regulatory and compliance requirements.

You are performing a fit gap analysis for a bank based in the United States.

The bank requires a solution to monitor and disclose all financial transactions where money laundering is suspected.

You know that this requirement may not be feasible because banks and other financial institutions must adhere to established laws, rules, and guidelines.

You need to verify the feasibility of the requirement.

Which feasibility analysis should you check for the requirement?

- A. Requirement is technically feasible
- B. Level of effort is unfeasible
- C. Requirement will be adopted in the solution
- D. Requirement aligns with compliance standards

DRAG DROP

-

A company plans to simplify its environment by replacing its current applications with a Microsoft Power Platform solution.

You need to guide the company through the activities required during each project phase.

When should you recommend the company perform each activity? To answer, move the appropriate phases to the correct activities. You may use each phase once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Answer Area**

**Phases**

Presales

Initiation

Analysis/design

**Activities for project phases**

**Activity**

Create a proof of concept.

Use a workshop to document current processes.

Assist with project team creation.

**Phase**

A company plans to adopt Microsoft Power Platform.

You need to document the current enterprise architecture of the company.

Which two components should you incorporate? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. data locations
- B. organizational structure
- C. process diagrams
- D. functional requirements
- E. applications used

**HOTSPOT**

A company is implementing a Microsoft Power Platform solution.

You need to define the requirements.

Which requirement should you use for each topic? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area****Requirements for a Microsoft Power Platform solution**

Topic	Requirement
Data	<p>Managers need the sales team to be accountable. Managers must be able to support their sales team. The sales team must make their clients happy. The sales team must be able to view current month sales.</p>
Compliance	<p>The Microsoft Power Platform solution must comply with the General Data Protection Regulation (GDPR). The Microsoft Power Platform solution must comply with local regulations.</p>
People	<p>New processes must make the users happier. Users must use the app to perform their work better. New processes must make users more efficient. Users must be able to use both their mobile device and desktop to access the company app.</p>

A company is undergoing digital transformation.

You must conduct an in-person workshop with several business stakeholders to learn more about the company and its solution requirements. You have limited time to get the information from the stakeholders.

You need to ensure that the workshop is set up for success.

Which two actions should you perform? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. Present the proposed solution as part of the workshop.
- B. Publish the agenda in advance of the workshop.
- C. Keep to the agenda by minimizing side conversations.
- D. Explain the technical aspects of the solution to the stakeholders.

## Topic 2 - Question Set 2

### DRAG DROP -

You are designing data loss policies for a Microsoft Power Platform implementation.

You have the following requirements:

- ⇒ Solutions that use the HTTP connector must not include any other connectors.
- ⇒ Prevent the use of the Microsoft Forms connector.
- ⇒ Allow the use of the Azure DevOps connector.

You need to determine in which data policy group to add each connector.

To which data policy group should you assign the connector? To answer, drag the appropriate setting to the correct drop targets. Each source 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

Data policy groups	Connector	Data policy group
--------------------	-----------	-------------------

Business	HTTP connector	<input type="text"/>
Non-business	Azure DevOps connector	<input type="text"/>
Blocked	Microsoft Forms connector	<input type="text"/>

**HOTSPOT -**

You are designing a Microsoft Power Platform solution for a company.

You have the following requirements:

⇒ Users in the human resources department must be able to create tasks.

⇒ Users in the human resources department must be able to assign cases to other users.

You create a table for cases and tasks. You need to recommend security settings to the company.

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****Business requirement****Solution**

Users in the human resources department must be able to create tasks.

- Assign only Create rights to activities.
- Assign Create and Read rights to activities.
- Assign user-level assign rights to the human resources case table.
- Assign organization-level rights to the human resources case table.

Users in the human resources department must be able to assign cases to other users.

- Assign only Create rights to activities.
- Assign Create and Read rights to activities.
- Assign user-level assign rights to the human resources case table.
- Assign organization-level assign rights to the human resources case table.

A company has a list of contacts in a Microsoft Excel file. The company wants to load the contact information into a Microsoft Power Platform solution.

You need to recommend a data-loading solution.

What should you recommend?

- A. Use the Excel Template feature.
- B. Add the contacts to a static worksheet.
- C. Use the Import from Excel feature.

You are designing the data model for a school. The school wants to track students' enrollments in courses.

The system must meet the following requirements:

⇒ Track the courses in which each student is enrolled.

⇒ Track the students that are enrolled in each course.

Track dates when each student enrolled in each course and the person who approved the enrollment.

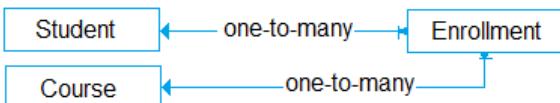
▪

⇒ Allow users to create a report that details which students are enrolled in which courses.

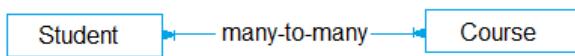
You need to recommend a data model that will fit the school's requirements.

Which logical model should you recommend?

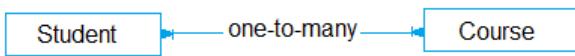
A.



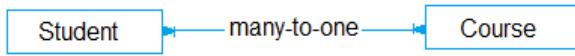
B.



C.



D.



**HOTSPOT -**

A company plans to create a Power Apps portal to manage support cases for customers. The company has an account hierarchy for customers. The hierarchy supports accounts, cases, and contacts where both contacts and cases belong to their relevant account.

The company has the following requirements:

- ⇒ Portal users must only see the notes for the cases that they manage.
- ⇒ Portal users must only see cases that are submitted by their colleagues.

You need to design the security model for the portal.

Which entity permission scope 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	Scope				
Portal users must only see the notes for the cases that they manage.	<table border="1"><tr><td>Self</td></tr><tr><td>Parent</td></tr><tr><td>Contact</td></tr><tr><td>Account</td></tr></table>	Self	Parent	Contact	Account
Self					
Parent					
Contact					
Account					
Portal users must only see cases that are submitted by their colleagues.	<table border="1"><tr><td>Self</td></tr><tr><td>Global</td></tr><tr><td>Contact</td></tr><tr><td>Account</td></tr></table>	Self	Global	Contact	Account
Self					
Global					
Contact					
Account					

Self
Parent
Contact
Account

Self
Global
Contact
Account

**HOTSPOT -**

A company offers continuing education courses for medical professionals. Each time a course is offered, the company tracks that the session has taken place in an Excel workbook.

The company maintains a list of required qualifications for an educator to teach a course. Educator qualifications range from languages spoken to advanced degrees.

The company needs the following custom table relationships defined:

- ⇒ Associate educators with a list of their professional qualifications.
- ⇒ Assign a primary educator to each course that is held.
- ⇒ Collect information about every course that is held.

You need to determine the type of relationship that best fits the requirement.

Which type of table relationship 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**

<b>Requirement</b>	<b>Relationship</b>
Educators must be associated with their qualifications.	<div style="border: 1px solid black; padding: 5px;"><input type="checkbox"/> Many-to-many relationship that uses a system generated table <input type="checkbox"/> Many-to-many relationship that uses a custom table <input type="checkbox"/> One-to-many relationship</div>
When a course is held there must be a primary educator assigned.	<div style="border: 1px solid black; padding: 5px;"><input type="checkbox"/> Many-to-many relationship that uses a system generated table <input type="checkbox"/> Many-to-many relationship that uses a custom table <input type="checkbox"/> One-to-many relationship</div>
When a course is held, the company needs to collect information on that session.	<div style="border: 1px solid black; padding: 5px;"><input type="checkbox"/> Many-to-many relationship that uses a system generated table <input type="checkbox"/> Many-to-many relationship that uses a custom table <input type="checkbox"/> One-to-many relationship</div>

**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

▼
Security group
Data loss prevention policy

Ensure that environment administrators only see users who require access in the enabled user list.

▼
Security group
Data loss prevention policy

You are designing a database table for a client.

You have the following requirements:

⇒ Maintain a comprehensive list of colors and their corresponding RGB values and hexadecimal values.

⇒ Prevent the addition of duplicate colors based on the hexadecimal value for the color.

You need to recommend a design for the table.

Which two actions should the client perform after the table is created? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Mark the hex value column as business required.
- B. Configure and schedule a recurring bulk record deletion job.
- C. Create alternate keys for the table.
- D. Mark the RGB value column as business required.

**HOTSPOT -**

A company uses Dynamics 365 Sales and Power BI.

Sales managers must be able to keep track of changes to their pipeline in the following ways:

- ⇒ Notify the sales managers when an Opportunity changes sales stage.
- ⇒ Notify the sales managers when the pipeline drops below 2.5M USD.
- ⇒ When reviewing the pipeline in Power BI, a sales executive must be able to add a Playbook to an Opportunity.

You need to recommend a solution that meets the company requirements.

Which combination of solutions should you recommend? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

Notify the sales manager when an Opportunity changes sales stage.

Microsoft Power Automate, Microsoft Dataverse connector, and Microsoft Office 365 Outlook connector
Microsoft Power Automate, Microsoft Dataverse connector, and Microsoft Office 365 users
Microsoft Power Automate, data alerts, and Microsoft Office 365 connector

Notify the sales managers when the pipeline drops below 2.5 USD.

Microsoft Power Automate, Microsoft Dataverse connector, and Microsoft Office 365 Outlook connector
Microsoft Power Automate, Power BI data alerts, and Microsoft Office 365 connector
Microsoft Power Automate, Power BI, Power Apps, and Microsoft Dataverse connector

When reviewing the pipeline in Power BI, a sales executive must be able to add a Playbook to an Opportunity.

Power BI, Power Apps, Microsoft Dataverse connector, and Microsoft Office 365 Outlook connector
Microsoft Power Automate, Data alerts, Microsoft Dataverse connector, and Microsoft Office 365 users
Microsoft Power Automate, Data alerts, and Microsoft Office 365 connector
Microsoft Power Automate, Power BI, Power Apps, and Microsoft Dataverse connector

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.

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

A company sells antique books. The company stores data about book locations in an existing system by using the following database fields:

Room, Shelf.

The company must import the data from the existing system into a Power Platform solution. Existing data must be modified to match the design of the new solution.

You need to recommend a solution to combine the room and shelf fields into a single column during the import process.

Which tool should you recommend?

- A. Power Platform dataflows
- B. Data Import Wizard
- C. import from CSV
- D. Microsoft Excel Online

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

**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.	<p>Increase multithreading and/or batch size settings.</p> <p>Decrease multithreading and/or batch size settings.</p> <p>Ensure you are loading data into all tables at the same time.</p> <p>Ensure you are loading data into tables in a particular order.</p>
Records that include lookup columns often fail to load.	<p>Increase multithreading and/or batch size settings.</p> <p>Decrease multithreading and/or batch size settings.</p> <p>Ensure you are loading data into all tables at the same time.</p> <p>Ensure you are loading data into tables in a specific order.</p>

A company wants to add an interactive checklist to a Power Platform solution to ensure that salespeople are following the same steps when qualifying leads.

You need to recommend a solution that will incorporate this checklist.

What should you recommend?

- A. Microsoft Customer Voice
- B. Business Process Modeler task guide
- C. Dashboards
- D. Business Process Flow

**HOTSPOT -**

A company plans to create a Power Platform solution that integrates with Dynamics 365 Sales.

The solution must meet the following requirements:

⇒ Connect directly with a Microsoft Azure SQL database as an external data source at run time where specific data is available in the Dynamics 365 Sales solution without the need for data replication.

⇒ An external system needs to send data to the company's Dynamics 365 Sales solution.

You need to recommend the most suitable solution to integrate Dynamics 365 Sales with both systems.

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

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area****Integration requirement**

Have read-only visibility of data from an external Azure SQL database.

**Solutions**

Use virtual tables.
Use a custom plug-in.
Use Dynamics 365 Web API.
Use a web resource to display data.

External system sends data to Dynamics 365 Sales.

Use a custom plug-in.
Use Dynamics 365 Web API.
Use a web resource to display data.

**HOTSPOT -**

A company plans to transition from an existing proprietary solution to a Power Platform solution. The company is consolidating data from several sources.

The company reports the following data quality issues with the existing solution:

- ⇒ Users often encounter a character limit when entering data.
- ⇒ The database includes multiple instances of duplicate records.

You need to recommend solutions to ensure that the data quality issues are not present in the Power Platform 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
Users often encounter a character limit when entering data.	<div style="border: 1px solid black; padding: 5px;"><p>Define a data mask.</p><p>Define and implement duplicate detection rules.</p><p>Define the data type and format for each column.</p></div>
The database includes multiple instances of some records.	<div style="border: 1px solid black; padding: 5px;"><p>Define requirements for data entry.</p><p>Define and implement duplicate detection rules.</p><p>Define the data type and format for each column.</p></div>

**HOTSPOT -**

A company is creating a Power Platform solution to manage employees.

The company has the following requirements:

☞ Allow only the human resource manager to change an employee's employment status when an employee is dismissed.

☞ Allow only approved device types to access the solution and company data.

You need to recommend a solution that meets 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****Configuration**

Allow only the human resource manager to change an employee's employment status when an employee is dismissed.

Team access
Privacy preference
Field security profile
Hierarchy security profile

Allow only approved device types to access the solution and company data.

Endpoint security
Compliance policy
Conditional access
Mobile threat integration

You are designing tables and columns for a Power Platform solution.

The solution will contain an interactive experience dashboard.

You need to ensure that the columns you create can be used as global filters for the dashboard.

Which two data types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Multiline Text
- B. Choice
- C. Text
- D. Yes/No
- E. Lookup

You are designing a Power Platform solution for a company.

Users must be granted access only to data that is relevant to them.

You need to recommend actions to meet the requirements.

Which two recommendations should you make? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Add column security profiles to applicable teams.
- B. Define and configure security roles.
- C. Create teams and assign security roles and users to the teams.
- D. Create business units and assign security roles to the business units.

**HOTSPOT -**

An organization is optimizing its Microsoft Power Platform solution architecture.

The optimization needs to address the following:

- ⇒ Label names for option sets and multiselect option sets should be added as separate fields for reporting.
- ⇒ Users complain that when a case is assigned to another user, all the activities are also assigned.
- ⇒ Some Power BI reports based on Microsoft Dataverse data need near-real-time updating.

You need to recommend a design solution to meet these requirements.

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

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

### Requirement

Users report that when a case is assigned to another user, all activities are also assigned.

### Design

For each activity entity relationship, set Cascading rules to Configurable Cascading and Assign to Cascade None
Do not implement, but train users on best practices for assigning cases.
Create a 1:N relationship between the user entity/table and the Activities table.

Some Power BI reports based on Microsoft Dataverse data require near-real-time updates.

Create Power BI reports using the Microsoft Dataverse connector.
Implement the Data Export Service; create Power BI reports that point to Microsoft Azure SQL Database.
Create Power BI dataflows based on the Microsoft Dataverse connector; point the Power BI report to the dataflows.

You are designing a Microsoft Power Platform solution for a company that has multiple Microsoft Dataverse environments.

You need to prevent specific users from accessing specific environments.

What should you do?

- A. Remove all security roles from the users of the specific environments.
- B. Remove the user from the business unit.
- C. Remove the user from all security groups.
- D. Remove the user from all teams.

**HOTSPOT -**

You are designing a model-driven app for a hospital. The app will be used to track teams at the hospital including:

Team	Comments
Cleaning	There are three predetermined cleaning teams. Tasks are assigned to a team. Anyone on the team can complete an assigned task.
Emergency room	These teams are formed as needed based on patient needs and staff availability.
Billing	These teams are assigned to specific hospital departments. Team members must only see data for the hospital department to which they are assigned.

You need to recommend the team types to use.

Which team types 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	Team type
Cleaning teams	<input type="checkbox"/> Access <input checked="" type="checkbox"/> Owner
Emergency room teams	<input type="checkbox"/> Access <input checked="" type="checkbox"/> Owner
Billing teams	<input type="checkbox"/> Access <input checked="" type="checkbox"/> Owner

You are designing a Microsoft Power Platform solution for an automobile parts manufacturer. You create the following tables:

Table	Comments
Assemblies	For each assembly record, there will be one or more rows in the Parts table. When the ownership for an assembly record changes, the related parts records must be updated.
Parts	Rows in the Parts table must not be deleted when an assembly is deleted.

You need to recommend a relationship behavior.

Which relationship behavior should you recommend?

- A. Referential, Restrict Delete
- B. Custom
- C. Parental
- D. Referential, Remove Link

You are designing a Microsoft Power Platform solution that uses Microsoft Dataverse.

You need to recommend a way to update currency exchange rates within Microsoft Dataverse.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Review AppSource for prebuilt solutions.
- B. Create a Power Automate flow that uses a custom connection or HTTP request to an outside source for exchange rates.
- C. Embed an iframe that points to a currency exchange service into a model-driven app.
- D. Use the Power BI connector to establish a link that updates Microsoft Dataverse with the current exchange rate.

A company provides mobile diagnostic imaging services. You are designing a Power Apps solution to manage patient appointments and procedures.

Patient records are stored within the company's cloud patient billing system. The patient ID must be the only information stored within the app.

The patient name and date of birth must be visible to the technician to verify the patient's identity.

You need to recommend a solution to display the patient information.

What should you recommend?

- A. Virtual table
- B. Business rule
- C. Privacy preference
- D. Data gateway
- E. Custom dataflow

**HOTSPOT -**

A company plans to deploy multiple Microsoft Dataverse environments. You are supporting the go-live process.

The company reports the following access issues:

- ⇒ Users can access account records but cannot read a column in the table.
- ⇒ A licensed user receives an insufficient permission error when opening leads.
- ⇒ A licensed user does not appear in the list of users available for security assignment.

You need to resolve the issues.

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

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

Issue	Action
Users can access account records but cannot read a column in the table.	<div style="border: 1px solid black; padding: 5px; display: inline-block;"><input type="checkbox"/> Security role <input type="checkbox"/> Security group <input checked="" type="checkbox"/> Field security profile</div>
A licensed user receives an insufficient permission error when opening leads.	<div style="border: 1px solid black; padding: 5px; display: inline-block;"><input type="checkbox"/> Security role <input type="checkbox"/> Security group <input checked="" type="checkbox"/> Field security profile</div>
A licensed user does not appear in the list of users available for security assignment.	<div style="border: 1px solid black; padding: 5px; display: inline-block;"><input type="checkbox"/> Security role <input type="checkbox"/> Security group <input checked="" type="checkbox"/> Field security profile</div>

A company has a model-driven app. The app has forms with both Business Rules and JavaScript added to handle the business logic on the form. The form contains logic that is enforced by using business rules. The company wants to apply the business rules to all forms in the app. You need to recommend a simplified form setup so the form can be maintained moving forward.

What should you recommend?

- A. Manage the business logic with a Power Apps Component Framework (PCF) control.
- B. Evaluate whether complex parts of the logic can be solved by using Power Apps Component Framework (PCF) control. Use Business Rules for the remaining functionality.
- C. Remove the Business Rules and use only JavaScript.
- D. Update logic to ensure Business Rules are optimized. Use JavaScript for the remaining functionality.

A local bank uses Microsoft Power Platform apps to store customer data.

The bank IT director discovers that all employees can see the social security numbers of their customers. The IT team does not understand how field-level security works and needs help with the design.

You need to recommend a solution to the bank that meets the following requirements:

- ⇒ The system must restrict access to customer social security numbers to the vice president of finance only.
- ⇒ The vice president of finance must be able to read and update customer social security numbers.

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

NOTE: Each correct selection is worth one point.

- A. Set the values for the read permission and for the update permission for social security number to yes.
- B. Enable field-level security for the member table.
- C. Create a field-level security profile.
- D. Enable field-level security for the social security number column.

#### HOTSPOT -

You are designing a Microsoft Power Platform solution for a national repair service. The service has a 24-hour call center for customers to call and schedule repairs.

The solution dispatches a technician to troubleshoot and repair customer issues. Customers sign into a customer portal to view and log information concerning the repairs. The repair service contracts with third party technicians for repair jobs.

The solution must meet the following requirements:

- ⇒ Dispatch technicians to troubleshoot and repair customer issues.
- ⇒ Call center must log customer issues.
- ⇒ Third-party technicians must be able to access assigned repair service jobs.

You need to recommend an authentication strategy.

Which authentication models 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

User type	Authentication model
Call center employee	Azure AD and a security role Azure AD and a web role Authenticated user and a security role Authenticated user and a web role
Repair service customer	Azure AD and a security role Azure AD and a web role Authenticated user and a security role Authenticated user and a web role
Third-party technician	Azure AD and a security role Azure AD and a web role Authenticated user and a security role Authenticated user and a web role

**DRAG DROP -**

You are designing a data model for a Microsoft Power Platform solution.

The data model must meet the following requirements:

⇒ When an account is assigned to a new salesperson, all opportunities that are associated with the account must be assigned to the new salesperson.

⇒ When a salesperson assigns a lead to another salesperson, all phone call activities related to the lead must be assigned to the new salesperson.

You need to recommend cascading strategies for the data model.

Which cascading strategy should you recommend? To answer, drag the appropriate cascading strategies to the correct requirements. Each cascading strategy 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:

Cascading strategies	Answer Area	Requirement	Cascading strategy
Cascade All		When an account is assigned to a new salesperson, all opportunities that are associated with the account must be assigned to the new salesperson.	Cascading strategy
Cascade Active		When a salesperson assigns a lead to another salesperson, all phone call activities related to the lead must be assigned to the new salesperson.	Cascading strategy
Cascade User Owned			
Cascade None			

You are a Microsoft Power Platform architect designing a solution.

You must use a custom connector to integrate Power Automate with a data source.

You need to authenticate the connector with the data source.

Which three authentication methods can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Basic authentication
- B. Generic OAuth 2.0
- C. OpenID Connect (OIDC)
- D. API Key
- E. Pass-through

**HOTSPOT -**

You are working with a customer to plan a go-live deployment to their production environment. The solution includes several apps and environment variables. The superuser team manages the production environment that is secured by using a specific environment Azure AD security group.

The following issues have been identified:

- ⇒ The superuser team cannot access make.powerapps.com to open and set the environment variables.

Users are added to the environment Azure AD security group and are not able to access the model-driven app.

- - ⇒ Users are added to the environment Azure AD security group and are not able to access the canvas app.

You need to resolve the issues.

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

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

<b>Issue</b>	<b>Resolution</b>
The superuser team cannot set the environment variables.	Assign the System Customizer role. Assign the Basic User role. Assign the Service Reader role. Assign the Office Collaborator role.
Users cannot access the model-driven app.	Assign the Basic User role. Assign the Service Reader role. Assign the Office Collaborator role. Add the Azure AD Security Group.
Users cannot access the canvas app.	Assign the System Customizer role. Assign the Service Reader role. Add users to the superuser team. Add users to an Azure AD Security Group.

**DRAG DROP -**

You are designing a Microsoft Power Platform solution that will be deployed to two separate companies in the same Microsoft Office 365 tenant: Contoso, Ltd. and Contoso Pharmaceuticals.

The solution must meet the following security requirements:

- ⇒ Restrict Contoso, Ltd. users from seeing the Contoso Pharmaceuticals company.
- ⇒ Restrict access to specific forms.
- ⇒ Restrict access to specific tables.

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

<b>Security objects</b>	<b>Answer Area</b>		
Security role		<b>Restriction</b>	<b>Security object</b>
Team	Restrict Contoso, Ltd. users from seeing the Contoso Pharmaceuticals company.		Security object
Security group	Restrict access to specific forms.		Security object
User profile	Restrict access to specific tables.		Security object

**DRAG DROP**

You are a Microsoft Power Platform architect.

You must identify and document your organization's business processes to identify opportunities for automation.

You need to run task mining in process advisor.

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.

<b>Actions</b>	<b>Answer area</b>
Visualize processes.	1
Share processes.	2
Identify automation recommendations.	3
Analyze processes.	4
Prepare processes and recordings.	5

( )

You are designing forms for a Microsoft Power Platform solution.

Each person must see only the columns required for their department.

Department	Requirements
Inside sales	<ul style="list-style-type: none"><li>• Use only a browser-based app.</li><li>• Include fields for contact name, phone number, product, order date, and total amount owed.</li></ul>
Fulfillment	<ul style="list-style-type: none"><li>• Use either a mobile or browser-based app.</li><li>• Include fields for contact name, product, and order date.</li></ul>
Field sales	<ul style="list-style-type: none"><li>• Use only a mobile app.</li><li>• Include fields for contact name, address, phone number, and product.</li></ul>

You need to ensure that the forms open correctly, display only the fields needed, and that data can be entered quickly.

How should you design the form?

- A. Create one form for each department. Add all columns needed for all departments. Use business rules to hide columns.
- B. Create a shared form for all departments. Add all the columns. Add column-level security to columns not needed for each department.
- C. Create one form for each department. Add only columns needed on the form for each department. Assign the appropriate security role to each form.
- D. Add new columns to an existing form. Grant all departments security roles for that form.

You are designing an authentication strategy.

You must provide users multiple primary authentication options for Microsoft Power Platform app sign-in events.

You need to select the primary authentication methods.

Which two authentication methods can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Windows Hello for Business
- B. OAuth software tokens
- C. Microsoft Authenticator app
- D. Voice call

A company is creating a Microsoft Power Platform app to enable employees to log daily time entries. Employee user accounts are in multiple Azure AD tenants and are not located in the tenant that is running the app.

Employees must be added as Azure AD guest accounts within the tenant that will be running the app. Employees must access the model-driven app by being a member of a security team. The security team has been assigned the Employee Security role. Employees must create personal views of records to view within the system.

You need to implement a security solution.

Which privilege should you use?

- A. Direct basic level
- B. Shared app access
- C. Team
- D. Azure AD security group

**HOTSPOT**

You are designing a solution to continually import data from several data sources into Microsoft Dataverse.

The solution must meet the following requirements:

- Include integrated error handling for records that fail to import successfully into Dataverse.
- Augment data with AI and machine learning models.

You need to select a component for each requirement.

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**

Augment data with AI and machine learning models.

Include integrated error handling in place for records that fail to import.

**Component**

Power Apps dataflow  
Logic Apps  
Analytical dataflow  
Azure Data Factory

Power Apps dataflow  
Logic Apps  
Analytical dataflow

You design integration with an external data source that uses sequential integer values as primary keys for the records contained in it. Data synchronization will occur in Microsoft Dataverse so users can access data.

Data within Microsoft Dataverse must be accurate against the data in the external data source.

You need to ensure that the data from the external data source does not create duplicated rows in Microsoft Dataverse.

Which two features should you use?

Each correct answer presents part of the solution.

- A. Webhook
- B. Change tracking
- C. Duplicate detection rules
- D. Upsert method
- E. Alternate key

You are designing a new Microsoft Power Platform solution for a wedding organizer company.

The company uses a third-party application and plans to migrate the data into Microsoft Dataverse for the new solution. The third-party application has an API that can be connected to programmatically for data migration purposes.

You need to migrate the unique IDs belonging to the records from the third-party application.

Which two Microsoft Dataverse column types should you use to store this information?

Each correct answer presents a complete solution.

- A. Plain Text
- B. Text Area
- C. Float
- D. Unique Identifier
- E. Rich Text
- F. Lookup

**DRAG DROP**

You are designing a Microsoft Power Platform solution for a financial services company. Data from existing financial systems will be imported into Microsoft Dataverse and displayed to users as part of the app deployment.

The company has the following issues with data:

- Phone numbers in records can contain letters in the record.
- Security has not been applied to financial total values held in each record.
- Users and managers can see all records.

You need to apply data quality standards to the solution.

What should you recommend? To answer, drag the appropriate solutions to the correct data quality items. Each solution 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.

**Solutions**

- Masking rules
- Field-level security
- Hierarchical security

**Answer Area****Data quality item**

- Phone numbers must contain only numbers.
- Account financial totals are secured for only authorized users to access.
- Users must be able to view their records and managers must be able to view records for their team.

**Solution**


You are implementing a model-driven app for a national chain of retail stores.

You have the following requirements:

- Store employees must be able to view data for their store only.
- Regional managers must be able to view data for all stores in a region.
- The reporting team must be able to view all data across all stores.

You need to configure system security.

Which three security methods should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Account hierarchy
- B. Azure AD security group
- C. Manager hierarchy
- D. Security roles
- E. Owner teams

**DRAG DROP**

A company is designing a data migration strategy with data from multiple sources.

The company performs a test migration and discovers issues with some of the data.

You need to identify the solution to each issue.

Which components should you use to solve each issue?

To answer, drag the appropriate solutions to the correct issues. Each solution 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.

Solutions	Answer Area	Solution
<input type="checkbox"/> Power Query	<b>Issue</b> Duplicate records are being migrated.	<input type="checkbox"/>
<input type="checkbox"/> Data Integrator	<b>Issue</b> Orphaned data records are occurring.	<input type="checkbox"/>
<input type="checkbox"/> Data Import Wizard		
<input type="checkbox"/> Create alternate key		
<input type="checkbox"/> Import tables in correct order		

You are designing an integration between an Azure SQL database and a model-driven app.

You have the following requirements:

- Audit updates to the data.
- Assign security role access to tables at the user level.
- Assign security role access to tables at the organization level.
- Enable change tracking.
- Add and update data.

You need to implement virtual tables.

Which two requirements can you meet by using virtual tables? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Enable change tracking.
- B. Assign security role access to tables at the user level.
- C. Add and update data.
- D. Assign security role access to tables at the organization level.
- E. Audit updates to the data.

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.

A company plans to automate the expense approval process.

Users currently enter data into an on-premises SQL Server database.

You need to allow users to submit expenses from mobile devices.

Solution: Create a canvas app for expense data entry. Install an on-premises gateway. Create a cloud flow for approval and to add data to the SQL Server database.

Does the solution meet the goal?

- A. Yes
- B. No

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.

A company plans to automate the expense approval process.

Users currently enter data into an on-premises SQL Server database.

You need to allow users to submit expenses from mobile devices.

Solution: Create a canvas app for expense data entry. Install the Power Automate app in Microsoft Teams. Create a cloud flow for approval to add data to the SQL Server database.

Does the solution meet the goal?

- A. Yes
- B. No

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.

A company plans to automate the expense approval process.

Users currently enter data into an on-premises SQL Server database.

You need to allow users to submit expenses from mobile devices.

Solution: Create a canvas app for expense data entry. Create a custom connector. Create a cloud flow for approval and use the custom connector to add data to the SQL Server database.

Does the solution meet the goal?

- A. Yes
- B. No

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.

A company plans to automate the expense approval process.

Users currently enter data into an on-premises SQL Server database.

You need to allow users to submit expenses from mobile devices.

Solution: Create a canvas app for expense data entry. Create a desktop flow. Create a cloud flow for approval and trigger the desktop flow to add data to the SQL Server database.

Does the solution meet the goal?

- A. Yes
- B. No

**DRAG DROP**

A sales team uses a dedicated mailbox and the assistant for Microsoft Dynamics 365 Sales in their sales process. Technical staff collaborate in a research and development Microsoft Teams channel. Sales reps have a custom insight card that pops up each time certain keywords appear in emails from prospective customers. The sales reps must engage with the technical team before answering the emails.

The technical team plans to streamline the email answering process. The technical team needs a similar card to be exposed in the technical channel immediately after an email arrives.

You need to provide a solution for the technical team.

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**

- Install Microsoft Power Automate in the environment.
- Edit the existing sales flow.
- Parse the keywords from the sales emails.
- Create new flow in Microsoft Power Automate.
- Add a trigger to the flow when email arrives in the sales mailbox.
- Add a flow step to post adaptive card in the Teams technical channel.
- Create the JSON message for the adaptive card.

**Steps**


A company plans to use Microsoft Power Platform.

The company wants to enhance the user experience of its apps. The company requires a reusable custom color picker control that can be added to model-driven app forms and canvas app screens.

You need to recommend a solution.

Which solution should you recommend?

- A. Web resources
- B. Power Apps component framework
- C. Plug-ins
- D. Client script

**HOTSPOT**

A company plans to use a combination of model-driven and canvas apps for data interaction and Power BI for data reporting.

The company has the following requirements:

- Share a canvas app with the auditor team.
- Ensure account balance values in Power BI are only viewable by the investment team.
- Streamline user administration and role assignment.

You need to recommend a security component to use for each requirement.

Which security components should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area****Requirement****Security component**

Share a canvas app.

Security roles
Column-level security
Manager hierarchy model
Azure Active Directory security group

Control account balance visibility.

Report access
Column-level security
Azure Active Directory security group

Streamline user administration and role assignment.

Security roles
Column-level security
Manager hierarchy model
Azure Active Directory security group

**DRAG DROP**

A company plans to implement a model-driven app.

The company has the following requirements:

- Short Message Service (SMS) data must be visible on the model-driven app timeline.
- Store location data must be referenced from a SQL server database.
- Customer data must be audited and only edited by specific users.

You need to recommend the table type for each requirement.

Which table types should you recommend? To answer, drag the appropriate solutions to the correct requirements. Each solution 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.

**Solutions**

- Virtual – organization owned
- Custom – user or team owned
- Custom – organization owned
- Activity – user or team owned

**Answer Area****Requirement****Solution**

SMS data

Store location data

Customer data

A company plans to use Power BI.

The company plans to share reports indefinitely with a specific set of users.

You need to recommend a solution.

Which solution should you recommend?

- A. Embed code by using the website or portal option.
- B. Share by using a link.
- C. Share directly with the users.
- D. Embed code by using the Publish to web option.

**HOTSPOT**

You design a Microsoft Power Platform app for a company.

The company has the following requirements:

- need to use an off-the-shelf product by an ISV that provides functionality to enable customers to deposit funds into their account
- ability to handle a high number of customers depositing funds into their account during lunchtime hours

You need to recommend a solution that meets the requirements.

Which components should you recommend?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

**Requirement**

Download compliant ISV solutions.

**Solution**

	▼
Security	
API limits	
AppSource	
ISV Studio	

Verify that the ISV solution will not have issues with high-volume transactions.

	▼
Security	
API limits	
AppSource	
ISV Studio	

A company plans to automate business processes by using Power Automate.

You identify a subprocess that must be implemented across multiple flows.

You need to implement the subprocess so that it is maintainable and easy to navigate.

What should you do?

- A. Save a copy of the subprocess and then add any additional actions into the flow.
- B. Initiate the subprocess with an automated trigger.
- C. Copy the actions of the subprocess into the flow by using the clipboard.
- D. Initiate the subprocess with an instant trigger.

#### HOTSPOT

-

A company uses Power Pages for article submissions. The article properties are stored in a table in Microsoft Dataverse and the content of the article is stored in a related Microsoft SharePoint library.

The company invites different experts outside its organization to review an article before publishing it. The reviewers are granted access to the articles in Microsoft Dataverse.

The company has the following requirements:

- Provide a canvas app to the reviewers that exposes both the article properties and content in read-only mode.
- Once the review is completed, the reviewer saves the review data, and the article and the review no longer appear in the app.

You need to recommend the components to be used for each requirement.

Which options should you use?

Requirement	Option
Security configuration for reviewers	<p>Create a dedicated access team and add the reviewers to the team.</p> <p>Create a dedicated access team template and add it to the article record.</p> <p>Create a dedicated owner team in the Microsoft Dataverse environment and add the reviewers to the team.</p> <p>Create a dedicated Microsoft Teams channel with a security role for the article and add the reviewers as members.</p>
Access to the app	<p>Embed app in Power Pages portal.</p> <p>Share app through the Power Apps maker portal.</p> <p>Register app in Azure AD and email the registration link.</p> <p>Publish the app in Power Apps Studio and email the link to the app.</p>

**DRAG DROP**

A police department uses apps deployed in Microsoft Power Platform to capture investigation information using a custom table. The apps run in offline mode in areas with poor data signals.

The department identified a need for photos to be captured during the investigation and stored in Microsoft Dataverse for easy access.

You need to implement the photo-capturing functionality.

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.

**Answer Area****Actions**

Publish the mobile offline profile.

Set the maximum size.

Create a new table to store the photos.

Create a column of data type image  
in the investigation table.

Add only the FileAttachment table to the profile.

Add both the Image Descriptor and  
the FileAttachment tables to the profile.

Add only the Image Descriptor table to the profile.

Create a new mobile offline profile.

**Steps**

A company uses Microsoft Power Platform and Dynamics 365 Field Service.

External workers deliver onsite service to customer locations by using the Field Service (Dynamics 365) mobile app.

You need to ensure that external users can only use the app from specific locations.

Which solution should you use?

- A. Azure Conditional Access policy
- B. Azure role-based access control (RBAC)
- C. Azure Active Directory security groups
- D. Azure multi-factor authentication (MFA)

DRAG DROP

A company uses a model-driven app to manage ticket requests.

The company has the following data requirements:

- Update a third-party application when a new ticket request is submitted.
- Transform and import event data nightly from a Microsoft Excel spreadsheet that is stored in a shared location.

You need to recommend a location to create the connection for each requirement.

Which locations should you recommend? To answer, drag the appropriate locations to the correct requirements. Each location 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.

Locations	Answer Area
Dataflow	
Power Automate	
Model-driven app	

Requirement	Location
Update a third-party application.	
Transform and import event data.	

**HOTSPOT**

A company uses Microsoft Dataverse to store patient information.

Patient information is managed using Dataverse forms. The company must enforce the following rules to manage data quality:

- Show or hide tabs in the main form based on the column value selected.
- Add a discount code automatically when a new patient row is added.

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.

**Answer Area****Requirement**

Show or hide tabs in the main form based on the column value selected.

Add a discount code automatically when a new patient row is added.

**Solution**

▼
Plug-in
Client script
Business rule
Business process flow

▼
Client script
Business rule
Classic workflow
Business process flow

**HOTSPOT**

-

An automobile parts manufacturer wants to replace an existing system with a Microsoft Power Platform solution. The company has been experiencing undesired data changes in their current system. The cause of the changes is due to the relationships that are set up between tables in the database that the system uses.

The new solution must meet the following requirements:

- Track vehicle manufacturers and models.
- Display a list of all models that a manufacturer produces.
- Ensure that each vehicle model can be associated to only one manufacturer.
- Delete all associated models when a user deletes a manufacturer.
- Automatically populate information from the manufacturer when creating a new model from the model list on the manufacturer page.

You need to recommend table relationships to meet the business requirements.

Which relationship settings should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area****Business requirement**

The system must delete all associated models when a user deletes a manufacturer.

**Relationship**

▼	Use a parental 1:N relationship between manufacturer and model. Use a referential 1:N relationship between manufacturer and model. Use field mappings in 1:N relationship between manufacturer and model. Use an N:N relationship between manufacturer and model.
---	--

The system must auto-populate information from the manufacturer when creating a new model from the model list on the manufacturer page.

▼	Use a parental 1:N relationship between manufacturer and model. Use a referential 1:N relationship between manufacturer and model. Use field mappings in 1:N relationship between manufacturer and model. Use an N:N relationship between manufacturer and model.
---	--

**DRAG DROP**

An organization plans to replace large, legacy systems with apps in Microsoft Power Platform. The technical staff consolidated the legacy data into a Microsoft SQL Server database and provisioned a Microsoft Power Platform environment for prototyping new processes. The business decision makers approved the SQL data and the prototype data that must be migrated into production.

The following types of data exist:

- Historical data: read-only legacy data to be used for future reference
- Prototype data: created to support new business processes

You need to deploy the approved data into the Microsoft Dataverse production environment and keep the remaining data in SQL Server.

Which method should you use for each type of data?

To answer, drag the appropriate tools to the correct migrations. Each tool 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.

**Tools**

Dataflows

Virtual tables

Package Deployer

SolutionPackager

**Answer Area****Migration**

Historical data

**Tool**

Prototype data

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.

A company uses a Microsoft Power Platform application.

Employees report that they are unable to open the application.

You need to ensure that the employees can access the application.

Solution: Add the employees to the user table in the environment.

Does the solution meet the goal?

- A. Yes
- B. No

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.

A company uses a Microsoft Power Platform application.

Employees report that they are unable to open the application.

You need to ensure that the employees can access the application.

Solution: Configure a conditional access policy.

Does the solution meet the goal?

- A. Yes
- B. No

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.

A company uses a Microsoft Power Platform application.

Employees report that they are unable to open the application.

You need to ensure that the employees can access the application.

Solution: Add the employees to a security group and associate a security role with the security group.

Does the solution meet the goal?

A. Yes

B. No

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.

A company uses a Microsoft Power Platform application.

Employees report that they are unable to open the application.

You need to ensure that the employees can access the application.

Solution: Add the employees to a security group and assign the security group to a Microsoft Teams team.

Does the solution meet the goal?

A. Yes

B. No

**HOTSPOT**

-

A company uses Microsoft Power Platform. The company has a model-driven app that has an embedded canvas app in the Contact table. The embedded canvas app displays information for contacts from an external data source.

The following issues are reported during testing:

- Users assigned to the Contact Managers security role cannot see the embedded canvas app.
- Some users assigned to the Basic User security role cannot see the embedded canvas app.

You need to recommend a resolution for each issue.

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

NOTE: Each correct selection is worth one point.

**Answer Area**

Issue	Resolution
Users assigned to the Contact Managers security role cannot view the embedded canvas app.	<p>Publish the Contact form.</p> <p>Republish the canvas app from Power Apps studio.</p> <p>Add the Contact Read privilege to the Contact Managers security role.</p> <p>Add the Canvas App Read privilege to the Contact Managers security role.</p>
Some users assigned to the Basic User security role cannot view the embedded canvas app.	<p>Republish the Contact form.</p> <p>Share the canvas app with the users.</p> <p>Republish the canvas app from Power Apps studio.</p> <p>Add the Canvas App Read privilege to the Basic User security role.</p>

**HOTSPOT**

A company has a Power Apps app and uses Microsoft Dataverse for data storage.

The company plans to provide employees the ability to create the following:

- Data loss prevention (DLP) policies that are at the environment level.
- Applications that allow employees to access only the activity records that they create.

You need to identify the security roles that the employees require.

Which security roles should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Microsoft Power Platform security roles****Requirement**

Create environment-level DLP policies.

Create applications that allow employees to access only the activity records that they create.

**Security role**

Dynamics 365 administrator  
Global admin  
Power Platform administrator  
System Administrator

Environment Maker  
Service Writer  
System Administrator  
System Customizer

A local bank uses Microsoft Power Platform apps to store customer data.

The bank IT director discovers that all employees can see the social security numbers of their customers. The IT team does not understand how column-level security works and needs help with the design.

You need to recommend a solution to the bank that meets the following requirements:

- The system must restrict access to customer social security numbers to the vice president of finance only.
- The vice president of finance must be able to read and update customer social security numbers.

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

NOTE: Each correct selection is worth one point.

- A. Set the values for the read permission and for the update permission for social security number to Allowed.
- B. Create a column-level security profile and add users.
- C. Enable column-level security for the member table.
- D. Enable column-level security for the social security number column.
- E. Create a business unit.

A company has a list of contacts in a Microsoft Excel file. The company wants to load the contact information into a Microsoft Power Platform solution.

You need to recommend a data-loading solution.

What should you recommend?

- A. Use the Pipeline Management Excel template.
- B. Add the contacts to a static worksheet.
- C. Use the Import from Excel feature.

**DRAG DROP**

A company plans to implement Microsoft Power Platform to provide data controls. The current implementation is complex and spans multiple environments.

The IT team will implement DLP policies. Members of the team have different security roles applied to their user accounts, depending on their specified level of access.

You need to identify which policies the IT team can apply for the different security roles.

Which policy type should you recommend for each security role? To answer, move the appropriate policy types to the correct security roles. You may use each policy type once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Answer Area**

<b>Policy types</b>	<b>Security role</b>	<b>Policy type</b>
	System Administrator	<input type="text"/>
Tenant	Power Platform Administrator	<input type="text"/>
Environment	Global Administrator	<input type="text"/>
	Dynamics 365 Administrator	<input type="text"/>

**HOTSPOT**

You are designing a Microsoft Power Platform solution for a company.

Users in the human resources department must be able to create tasks and assign cases to other users.

You create tables for cases and tasks. You need to recommend security settings to the company.

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

NOTE: Each correct selection is worth one point.

**Answer Area****Business requirement****Solution**

Ability to create tasks

Assign Create and Read rights to tasks.  
Assign user-level rights to the human resources case table.  
Assign organization-level rights to the human resources case table.

Ability to assign cases to other users

Assign Create and Read rights to tasks.  
Assign user-level rights to the human resources case table.  
Assign organization-level rights to the human resources case table.

**Case study -**

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## Background -

VanArsdel, Ltd. builds custom homes. The company has one Azure tenant and uses multiple systems to manage the sales, construction, and warranties of the homes.

The company has three departments: sales, construction, and warranty. Sales, contract, and warranty information is not shared among the departments.

The owner of VanArsdel, Ltd. requires a consolidated system that the company can use to track each home's progress.

## Sales -

### Current environment -

- Company employees use Microsoft Outlook for all communications.
- Company employees use Microsoft Word to create sales contracts.
- Employees in the sales department are frequently in different locations and work different hours from each other.
- Employees in the sales department use a Contracts team in Microsoft Teams to collaborate.
- The company uses a third-party marketing tool to update contacts every day.

## Requirements -

- Contacts' names must be formatted before they are imported from the third-party marketing tool.
- The company must retain contracts for five years.
- The company requires that the sales department display the All Contracts view in Microsoft Teams.
- All contract information must be stored in the All Contracts view.
- Contracts must not be lost if a device is lost or stolen.

## Issues -

- Employees in the sales department store contracts on their local computers.
- The construction team receives a copy of a contract only when the sale of a home is complete.

## Construction -

### Current environment -

- Employees in the construction department use Project Online to manage schedules.
- Employees in the construction department use Microsoft Excel to manage costs of projects.
- The main supplier of construction materials provides an API to the company. The company uses the API to manage suppliers for projects in near real time.

Requirements -

- Employees in the construction department must be able to demonstrate how their work is performed rather than document their process.
- The company requires that project schedules be created less than a week after a contract is signed.
- A field must sum up the costs of the materials.

Issues -

- Employees in the construction department are unable to schedule resources because they are not informed of future projects.
- Employees in the construction department currently enter basic project information manually for each software application.

Warranty -

Current environment -

- Employees in the warranty department use Excel to track project issues and resolutions.
- The company requires that employees in the warranty department meet with each other in person to discuss their job roles.

Requirements -

- The company requires that warranty claims be resolved in less than a month.
- The company requires that all claims be entered in the system along with their related issues.
- If a claim is found to be invalid, the company requires that the claim and its related issues be deleted.

Issue -

- Employees in the warranty department report that they are frequently sent to homes without knowledge of what is in scope for the project.

Requirements -

- The new system must use the development and production environments.
- The development environment must be the master of all changes.
- All table changes must be added to a solution. Changes to the solution must not be allowed to be made in the production environment.
- Each department must have a custom app. Employees must be able to access only their department's app.
- All sales, contract, and warranty data must be shared among the departments.
- The project manager must be solely responsible for creating and owning the deployment plan for projects.
- All projects must run by using the Agile methodology.
- The deployment plan must include the environment setup, training plan, rollout strategy, and deployment support.

Issue -

The IT manager reports that the deployment plan is not complete.

You need to design the security strategy for employees.

What should you use?

- A. a business unit for each department with one security role
- B. a business unit for each department with a security role for each department and a hierarchy security model
- C. one business unit with one security role and a hierarchy security model
- D. one business unit with a security role for each department

Question #75

Topic 2

Case study -

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#### Construction -

#### Current environment -

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- Employees in the construction department use Microsoft Excel to manage costs of projects.
- The main supplier of construction materials provides an API to the company. The company uses the API to manage suppliers for projects in near real time.

#### Requirements -

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Requirements -

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- The project manager must be solely responsible for creating and owning the deployment plan for projects.
- All projects must run by using the Agile methodology.
- The deployment plan must include the environment setup, training plan, rollout strategy, and deployment support.

Issue -

The IT manager reports that the deployment plan is not complete.

You need to display the All Contracts view in Microsoft Teams for the sales department.

In which location in Microsoft Teams should you add the information?

- A. the navigation pane
- B. a chat
- C. a channel
- D. the team

Question #76

Topic 2

HOTSPOT

-

## Case study

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#### Issue

The IT manager reports that the deployment plan is not complete.

You need to identify how warranty claims should be configured.

Which relationship configurations should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## **Warranty claim relationship types and behaviors**

Question #77

*Topic 2*

HOTSPOT

-

Case study

-

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-

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## Warranty

-

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## Issue

-

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## Issue

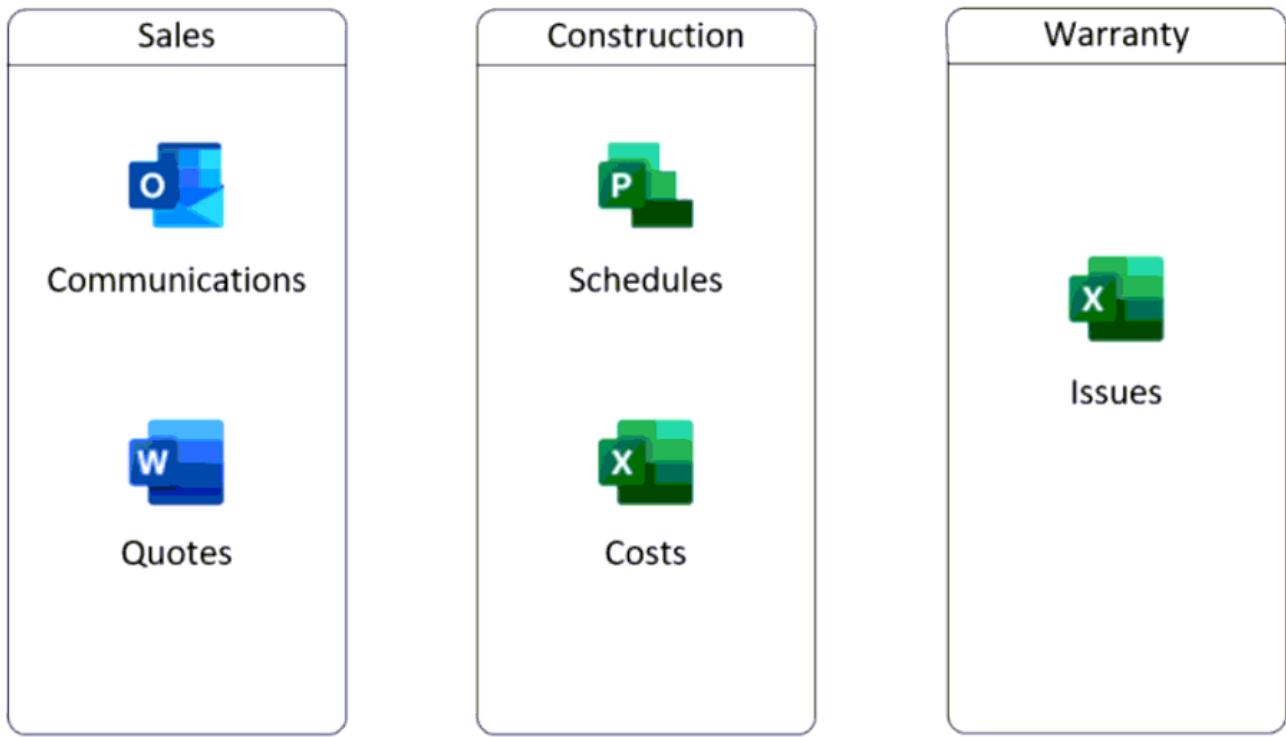
-

The IT manager reports that the deployment plan is not complete.

You need to identify which of the data architecture diagrams displayed in the Architecture 1, Architecture 2, and Architecture 3 exhibits is appropriate for the enterprise architecture documentation. (Select the Architecture 1, Architecture 2, and Architecture 3 tabs.)

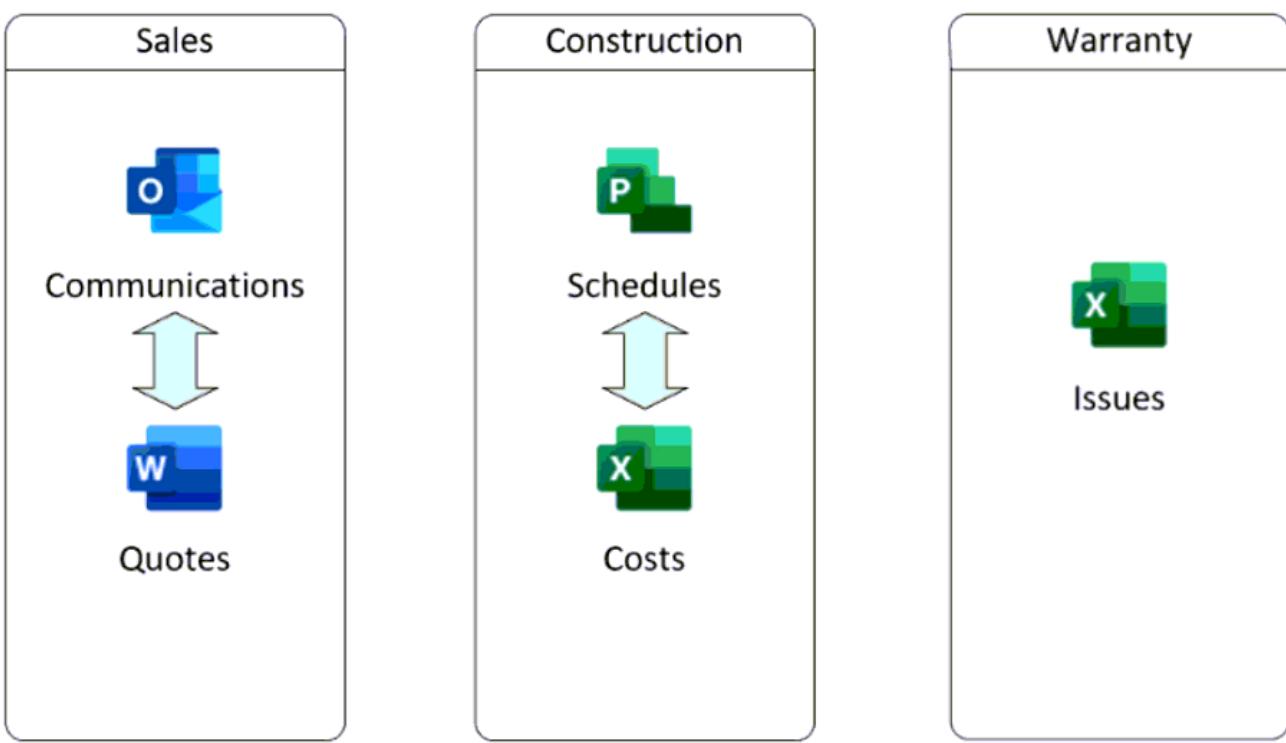
### Architecture 1

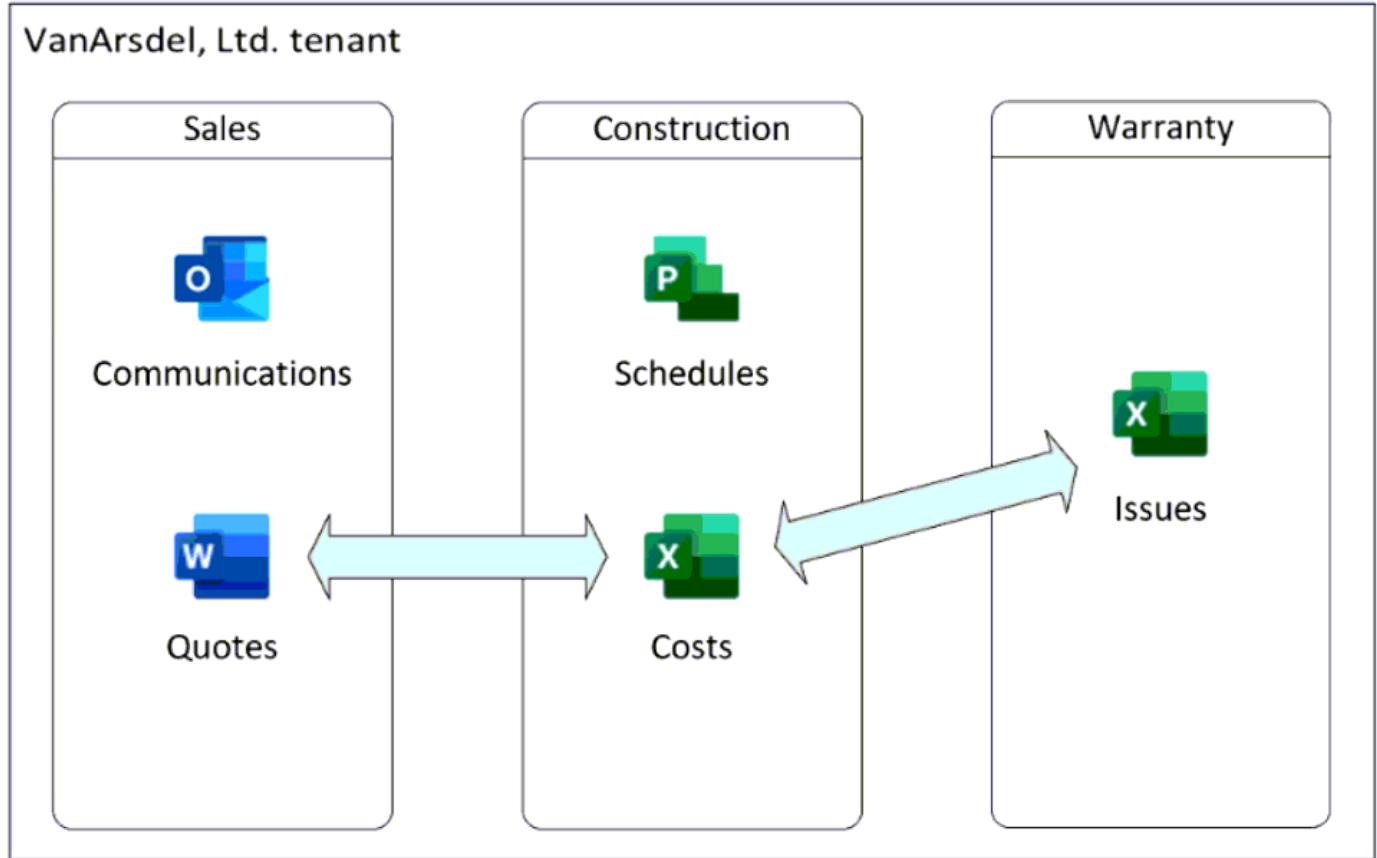
### VanArsdel, Ltd. tenant



Architecture 2

### VanArsdel, Ltd. tenant





For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

### Architecture design

Statements	Yes	No
Architecture 1 displays the correct data architecture.	<input type="radio"/>	<input type="radio"/>
Architecture 2 displays the correct data architecture.	<input type="radio"/>	<input type="radio"/>
Architecture 3 displays the correct data architecture.	<input type="radio"/>	<input type="radio"/>



**HOTSPOT**

You are designing a Microsoft Dataverse data model for a mortgage brokerage.

The brokerage provides the following table and field information:

Client	Loan application	Property	Broker
ClientID	ApplicationID	PropertyID	BrokerID
FirstName	ClientID	Address	FirstName
LastName	LoanType	PropertyValue	LastName
PhoneNumber	LoanAmount	YearBuilt	Position
Email	InterestRate	SquareFootage	PhoneNumber
Address	ApprovalStatus	NumberOfBedrooms	Email
Employer	ApprovalDate	NumberOfBathrooms	

The brokerage has the following data relationship requirements:

- A client can have multiple loan applications, but each loan application must be associated with only one client.
- Each loan application must be associated with one property, but a property can be linked to multiple loan applications.
- The employer the client works for must be added for employment verification. Employers are maintained in the Account table.

You need to model the tables for Dataverse and set up relationships.

Which data model solution should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

Requirement	Solution
Relationship between client and loan application	<input type="checkbox"/> One-to-many relationship <input type="checkbox"/> Many-to-many relationship <input type="checkbox"/> Many-to-one relationship
Relationship between loan application and property	<input type="checkbox"/> One-to-many relationship <input type="checkbox"/> Many-to-many relationship <input type="checkbox"/> Many-to-one relationship
Column type for client's employer	<input type="checkbox"/> Choice <input type="checkbox"/> Customer <input type="checkbox"/> Lookup to Contact

**HOTSPOT**

You are working with a credit union that has implemented a Microsoft Power Platform solution for its member banking team.

The credit union must add additional data sources to support the solution.

You need to identify the data sources to support additional requirements, including:

- Access real-time financial data from an on-premises SQL database by using a member greeting canvas app.
- Manually ingest member data once weekly from an enrichment CSV file.

Which data source connections should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area****Member banking data source connections**

Requirement	Data connection
Real-time financial data	MySQL Connector Microsoft Azure SQL Database SQL Server Connector with a data gateway SQL Server Connector without a data gateway
Member data	Dataflow Power BI Data Integration Scheduled Power Automate flow Microsoft Dataverse Excel worksheet import

A company has 2 Microsoft Power Platform environment.

The company requires a solution that provides integration with Azure services and on-premises data sources. The integration must provide secure and efficient communication among the Microsoft Power Platform components, Azure services, and data sources.

You need to design a networking solution for the company.

What are two possible ways to incorporate the design? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Configure Azure Virtual Network service endpoints.
- B. Implement a virtual private network for Microsoft Power Apps to directly access on-premises systems.
- C. Use Azure Express Route for dedicated connections between Azure services and Microsoft Power Platform environments.
- D. Configure Azure Firewall to protect SQL Server instances.
- E. Configure Microsoft Entra ID to restrict access to Microsoft Power Platform environments.

An engineering company is implementing Dynamics 365 Sales. The company has a custom connector to an ERP system.

The company plans to use the connector to view data in the app while also avoiding any data migration.

You need to evaluate the requirements and recommend an approach.

Which approach should you recommend?

- A. Build a canvas app and embed it in the Dynamics 365 Sales app.
- B. Install an industry accelerator.
- C. Connect the connector directly to the Dynamics 365 Sales app and view the data.
- D. Create an on-demand Power Automate flow and use the connector to access the data.

A company has a Microsoft Power Platform solution that integrates with a third-party system.

The client reports that unexpected updates are being made to the Accounts table.

You need to determine the root cause of the issue.

In which three locations should you investigate? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Audit summary view
- B. Solution history
- C. SDK Message Processing Steps
- D. Plug-in trace log
- E. System job run history

You are designing a Power Platform solution.

During quality assurance testing the API limits are reached.

You need to identify and resolve the issue.

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

NOTE: Each correct selection is worth one point.

- A. Allocate Microsoft Dataverse capacity add-on subscriptions.
- B. Use the out-of-the-box User Summary report from the Reports section of the solution's model-driven app.
- C. In the Power Platform admin center, review the Home tab Dataverse analytics dashboard.
- D. In the Power Platform admin center, review the Usage section of the Power Apps analytics dashboard.
- E. In the Power Platform admin center, review the Runs section of the Power Automate analytics dashboard.

**HOTSPOT -**

You design a Power Platform solution for a customer. The solution uses Microsoft Dataverse as the data store. You are managing the go-live process for the solution.

The customer reports the following performance issues:

- ⇒ Form load time is much slower than it was during testing.
- ⇒ Overall system performance has been significantly slower than it was during testing.

You need to recommend how to troubleshoot system performance.

Which actions 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**

Performance issue	Action
Slow form load times	<ul style="list-style-type: none"><li>Review workflows associated with the form events.</li><li>Review QuickFind properties for the fields on the form.</li><li>Review the fields that are on the form.</li></ul>
Overall slow system performance	<ul style="list-style-type: none"><li>Change all security roles from global read permissions to business unit permissions.</li><li>Review one to many relationships to verify whether cascade settings are necessary.</li><li>Change security roles from global read access to business unit to provide better performance.</li></ul>

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.

**HOTSPOT -**

You are supporting a recent go-live for a model-driven app that includes mobile offline functionality.

Users report the following issues:

- ⇒ The process of downloading initial metadata for the app takes hours to complete.
- ⇒ Some account views are unavailable when the app is offline.
- ⇒ Changes to users' security privileges are not reflected in the mobile app.
- ⇒ Contact data is not available when the app is offline.

You need to resolve the mobile app performance issues.

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

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

Issue	Resolution
The process of downloading initial metadata for the app takes hours to complete.	<ul style="list-style-type: none"><li>Synchronize the mobile app.</li><li>Remove organization data filters.</li><li>Reduce records included in the profile filter.</li></ul>
Changes to users' security privileges are not reflected in the mobile app.	<ul style="list-style-type: none"><li>Synchronize the mobile app.</li><li>Reduce records included in the profile filter.</li><li>Remove reference to tables not included in mobile profile.</li></ul>
Some account views are unavailable when the app is offline.	<ul style="list-style-type: none"><li>Synchronize the mobile app.</li><li>Reduce records included in the profile filter.</li><li>Remove reference to tables not included in mobile profile.</li></ul>
Contact data is not available when the app is offline.	<ul style="list-style-type: none"><li>Reduce records included in the profile filter.</li><li>Update mobile profile to include contact information.</li><li>Remove reference to tables not included in mobile profile.</li></ul>

A company wants to create a Power Automate flow that posts marketing events to social media.

The company must ensure that the postings adhere to regulatory requirements for handling of personally identifiable information (PII) data. The company will not post events to unauthorized social media platforms.

You need to ensure that the requirement is met.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Configure the relevant connector so that it is part of the Non-Business data group category.
- B. Create a security role to prevent data export.
- C. Configure an Azure Active Directory (AAD) security role for the maker to the environment.
- D. Create a Data Loss Protection (DLP) policy.
- E. Configure the relevant connector so that it is part of the Blocked data group category.

**HOTSPOT -**

You are conducting performance testing for a Microsoft Power Platform solution. The solution uses Power Automate cloud flows to query and synchronize data across 10 different tables based on various criteria. You make the following observations:

- ⇒ Internet speed during testing is fast (500 Mbps).
- ⇒ There are 50 Dynamics real-time workflows in use.
- ⇒ There are 63 Dynamics asynchronous workflows in use.
- ⇒ There are 76 Power Automate cloud flows in use.

You identify the following performance issues:

- ⇒ Data changes are slow to save.
- ⇒ Background processes often take hours to complete.

You need to recommend steps to resolve the performance issues.

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**

Performance issue	Recommendation
Data changes are slow to save.	<p>Reduce usage of near real-time workflows.</p> <p>Convert all Dynamics 365 workflows to Power Automate cloud flows.</p> <p>Review and revise filters in cloud flow queries and conditional logic.</p>
Background processes often take hours to complete.	<p>Reduce usage of near real-time workflows.</p> <p>Convert all Dynamics 365 workflows to Power Automate cloud flows.</p> <p>Review and revise filters in cloud flow queries and conditional logic.</p>

**DRAG DROP -**

You are overseeing the data migration for a Microsoft Power Platform solution.

The migration team is performing a test migration with a subset of data. The migration team reports the following findings:

- ⇒ Users who own account rows are receiving system generated emails.
- ⇒ Data that is not part of the migration is being added to the Contact and Appointment tables.
- ⇒ The size of the log listed on the Power Platform admin center Capacity page has increased significantly.

You need to recommend strategies to resolve the reported issues.

What should you recommend? To answer, drag the appropriate resolution to the correct migration problem. Each resolution 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**

Resolution strategies	Migration issue	Resolution strategy
Disable auditing.	Users who own account rows are receiving system generated emails.	
Disable duplicate detection.	Data that is not part of the migration is being added to the Contact and Appointment tables.	
Disable all custom JavaScript functions.		
Disable all workflows, plug-ins, and Power Platform admin center	The size of the log listed on the Power Platform admin center Capacity page has increased significantly.	

You are a Microsoft Power Platform solution architect working on a project. API calls are being sent between external applications and a Microsoft Power Platform solution.

The number of requests per user within a given time frame varies. Some users may be exceeding the service protection API limits.

You need to ensure that the API conforms to service protection limits.

Which three metrics should you review? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. The number of requests that a user can make each day.
- B. The total number of requests that can be processed each day.
- C. The number of concurrent requests that a user can make.
- D. The total execution time for requests by all users.
- E. The combined execution time required to process requests from a user.

Question #10

Topic 3

You are evaluating a solution design for a model-driven app that will have a large number of complex forms.

Many of the forms take up to 10 seconds to load.

You need to recommend solution to speed up loading times for the forms.

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

NOTE: Each correct selection is worth one point.

- A. Consolidate and reduce scripts.
- B. Use synchronous JavaScript requests.
- C. Move scripts into the OnLoad event.
- D. Remove unnecessary fields.

Question #11

Topic 3

A company uses a third-party cloud-based app to make real-time business decisions. The app has a RESTful API.

You must design a Microsoft Power Platform solution that interacts with the third-party app. Changes made in the Microsoft Power Platform solution must be reflected in the cloud app.

You need to recommend technologies to integrate the Microsoft Power Platform solution with the cloud app.

Which two technologies should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Scheduled Power Automate cloud flow with a custom connector to the cloud app
- B. Power Virtual Agents
- C. Custom plug-on registered with Microsoft Dataverse
- D. Model-driven app

Question #12

Topic 3

You are implementing a customer solution that includes the robotic process automation (RPA) capability in Power Automate and a legacy desktop financial software package. The customer has several Azure virtual machines deployed and imaged with the financial software package.

You need to select a connector to integrate with the Azure virtual machines.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Connection reference and log in information
- B. Machine registration and desktop flows
- C. Data gateway and web service endpoints
- D. Azure VM connector and administrative rights
- E. Dataflow and Power BI workspace

You are a Microsoft Power Platform architect developing a solution for a car retailer. Your solution includes reference data that relates to car colors, car types, and car models. Automation has been developed and deployed to notify account managers based on the car color, car make, and car model selected by potential buyers.

Notifications are failing to send to account managers due to different record identifiers between environments.

You need to update the reference data across all environments.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Power Automate flows
- B. Logic Apps
- C. Configuration Migration tool
- D. Import Data Wizard
- E. Azure Data Factory

You are implementing a customer service solution that uses Power Automate flows to automate business processes.

A flow sends order status update emails to customers. Customers report not receiving order status update emails during peak order times.

You need to troubleshoot the issue by examining flow executions.

What should you use?

- A. Flow information page in flow.microsoft.com
- B. Solution history information page
- C. Microsoft Power Platform admin center
- D. Flow information page in make.powerapps.com

**DRAG DROP**

You are designing a solution to automate the following processes:

- Import data into Microsoft Dataverse from systems that have an API available.
- Import data into Microsoft Dataverse from systems that do not have an API available.
- Validate that users enter data into Microsoft Dataverse forms in a specified order.

You need to implement automation methods.

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component 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.

**Components**

Cloud flow  
Business process flow  
Robotic process automation

**Answer Area****Requirement**

- Interact with applications that do not have an API.  
Guide users through business steps in a specific order.  
Interact with applications that have an API.

**Component**

[Empty boxes for dragging components]

You are a Microsoft Power Platform architect supporting the go live phase of a canvas app. The canvas app accesses data on premises and in the cloud.

Users are reporting the app is very slow to respond, especially upon initial launch.

You need to optimize the performance of the app.

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

NOTE: Each correct selection is worth one point.

- A. Move data calls from the OnStart event to the OnLoad event.
- B. Move data calls from the OnLoad event to the OnStart event.
- C. Increase data row limits.
- D. Review the settings of the data gateway for on-premises data sources.
- E. Reduce data row limits.

**DRAG DROP**

You are a Microsoft Power Platform architect.

You need to design a process to transport configuration and test data from one environment to a separate environment.

Which four actions should you recommend be performed 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
Import the ZIP file data.	
Import the CSV file data.	
Define the schema of the source data to be exported.	▶
Use the schema to export data.	◀
Download the Configuration Migration tool from NuGet.	
Create personal views to define the source data to be exported.	
Download the schema of the source data to be exported.	
Download the Configuration Migration tool from AppSource.	

You are designing a Microsoft Power Platform solution to include several canvas apps. You are using Azure DevOps for solution management and deployment. You deploy managed solutions into production.

You need to update the solution number when the solution is exported from the development environment.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Set the solution version number by using Solution Packager.
- B. Set the solution version number when exporting the solution from the solutions page in the make.powerapps.com portal.
- C. Set the solution version number in the Azure DevOps build pipeline.
- D. Set the canvas app version number in Power Apps Studio.

**DRAG DROP**

A company plans to import one million records of legacy data into Microsoft Power Platform. You configure the solution in a test environment by using custom tables modeled to new business processes. You load the legacy data into the custom tables.

You monitor the test environment during the test uploads and sequence the data loads only outside of business hours.

You need to determine how to deploy all the components and legacy data into production.

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**

- Import the solution in the production environment.
- Create an incremental refresh schedule.
- Update the production connection information.
- Add dataflows to the solution.
- Create a data integration project.

**Steps**

**DRAG DROP**

A company uses Microsoft Power Platform solutions.

The company plans to set up application lifecycle management (ALM) capabilities to store the solutions in source control, which will be used to automate the release process.

You need to set up the initial ALM infrastructure to store the solutions in source control.

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****Steps**

Create a Release pipeline.



Run the pipeline.

Create an Export pipeline.



Add a task for Microsoft Power Platform Import Solution.

Install the Microsoft Power Platform Build Tools.

Create an Azure DevOps Project.

**HOTSPOT**

-

You are evaluating a solution design.

You need to test the following scenarios:

- Mimic a user using an app.
- Obtain formal approval that an app meets customer-provided criteria.
- Confirmation that an app can manage expected peak loads.

Which test types should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

Scenario	Test type
Mimic a user using an app.	<input type="checkbox"/> UI testing <input type="checkbox"/> Acceptance testing <input type="checkbox"/> Performance testing <input type="checkbox"/> Load testing
Obtain formal approval that an app meets customer-provided criteria.	<input type="checkbox"/> Migration testing <input type="checkbox"/> Acceptance testing <input type="checkbox"/> Performance testing <input type="checkbox"/> UI testing
Confirmation that an app can manage expected peak loads.	<input type="checkbox"/> Unit testing <input type="checkbox"/> Acceptance testing <input type="checkbox"/> Performance testing <input type="checkbox"/> Integration testing

**DRAG DROP**

A company plans to integrate a model-driven app with external data sources.

The company has the following requirements:

- Consume data in its data warehouse from Microsoft Dataverse.
- Use a plug-in to retrieve information from an external service.

You need to recommend a Microsoft Azure component for each requirement.

Which Azure components should you recommend? To answer, drag the appropriate Azure components to the correct requirements. Each Azure component 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.

**Azure components**

- Azure Event Hub
- Azure Service Bus
- Azure Data Factory
- Azure Synapse Link

**Answer Area****Requirement**

Consume data in a data warehouse.

**Azure component**

Consume data from an external source.

**HOTSPOT**

A company plans to use Microsoft Power Platform.

The company needs to understand how API requests are used so that its solution can be designed within the API limits granted by Microsoft. The company requires the following information:

- How API limits are allocated
- Which Microsoft Power Platform components count toward its API limits
- Which Power Automate flow steps count toward API limits

You need to describe the API allocation for each design consideration.

Which API allocations should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area****Design consideration**

How API limits are allocated

**API allocation**

- By app
- By tenant
- By license
- By environment

Which Microsoft Power Platform components count toward API limits

- Dataverse, Power Apps, and Power BI
- Power Apps, Power BI, and Power Pages
- Dataverse, Power Apps, and Power Automate

Which Power Automate flow steps count toward API limits

- Each step counts as one API request.
- Each flow run counts as one API request.
- Only successful steps count as one API request.
- Only successful flows count as one API request.

A company uses Microsoft Power Platform and Microsoft Dataverse.

The company enables auditing in the environment tables, and at column level for all eligible tables and columns.

You need to ensure audit history is available for all users.

What should you do?

- A. Remove auditing from the required tables, and then re-enable it.
- B. Enable log access in the Microsoft Power Platform admin center.
- C. Add the View audit history privilege to the user's security role.
- D. Add the View audit partitions privilege to the user's security role.

**HOTSPOT**

You are implementing a Microsoft Power Platform solution for a customer to include data migration from multiple legacy systems. The data includes lead and contact data. The environment includes an assigned security group.

The following issues have occurred during a go-live deployment attempt:

- Lookup values are not populated when data migration is complete.
- Data is being added to the contacts table that is not part of the data migration.
- Various users do not appear in the list of users available for record assignment.

You need to resolve the go-live deployment issues.

How should you resolve the issue? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

<b>Requirement</b>	<b>Solution</b>
Lookup values are not populated when data migration is complete.	<p>Import the data by using an application user. Split the import data into smaller import batches. Disable all Power Automate flows, plug-ins, and workflows. Run data migration in a specific order.</p>
Data is being added to the contacts table that is not part of the data migration.	<p>Disable auditing. Import the data by using an application user. Disable all Power Automate flows, plug-ins, and workflows. Split the import data into smaller import batches.</p>
Various users do not appear in the list of users available for record assignment.	<p>Add to a security group. Add a security role. Add a Microsoft 365 role. Add a field security profile.</p>

A company plans to import 2.5 million data rows into Microsoft Dataverse during a go-live process. The import job will run as a single import job.

You run a test on the import and observe that some of the rows did not import.

You need to identify which rows did not import.

Which tool should you use?

- A. Azure Event Hub
- B. Import Data Wizard
- C. Microsoft Power Platform dataflows
- D. Azure Service Bus

#### HOTSPOT

-

#### 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

-

VanArsdel, Ltd. builds custom homes. The company has one Azure tenant and uses multiple systems to manage the sales, construction, and

warranties of the homes.

The company has three departments: sales, construction, and warranty. Sales, contract, and warranty information is not shared among the departments.

The owner of VanArsdel, Ltd. requires a consolidated system that the company can use to track each home's progress.

## Sales

-

### Current environment

-

- Company employees use Microsoft Outlook for all communications.
- Company employees use Microsoft Word to create sales contracts.
- Employees in the sales department are frequently in different locations and work different hours from each other.
- Employees in the sales department use a Contracts team in Microsoft Teams to collaborate.
- The company uses a third-party marketing tool to update contacts every day.

## Requirements

-

- Contacts' names must be formatted before they are imported from the third-party marketing tool.
- The company must retain contracts for five years.
- The company requires that the sales department display the All Contracts view in Microsoft Teams.
- All contract information must be stored in the All Contracts view.
- Contracts must not be lost if a device is lost or stolen.

## Issues

-

- Employees in the sales department store contracts on their local computers.
- The construction team receives a copy of a contract only when the sale of a home is complete.

## Construction

-

### Current environment

-

- Employees in the construction department use Project Online to manage schedules.
- Employees in the construction department use Microsoft Excel to manage costs of projects.
- The main supplier of construction materials provides an API to the company. The company uses the API to manage suppliers for projects in near real time.

## Requirements

---

- Employees in the construction department must be able to demonstrate how their work is performed rather than document their process.
- The company requires that project schedules be created less than a week after a contract is signed.
- A field must sum up the costs of the materials.

## Issues

---

- Employees in the construction department are unable to schedule resources because they are not informed of future projects.
- Employees in the construction department currently enter basic project information manually for each software application.

## Warranty

---

## Current environment

---

- Employees in the warranty department use Excel to track project issues and resolutions.
- The company requires that employees in the warranty department meet with each other in person to discuss their job roles.

## Requirements

---

- The company requires that warranty claims be resolved in less than a month.
- The company requires that all claims be entered in the system along with their related issues.
- If a claim is found to be invalid, the company requires that the claim and its related issues be deleted.

## Issue

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- Employees in the warranty department report that they are frequently sent to homes without knowledge of what is in scope for the project.

## Requirements

---

- The new system must use the development and production environments.
- The development environment must be the master of all changes.
- All table changes must be added to a solution. Changes to the solution must not be allowed to be made in the production environment.
- Each department must have a custom app. Employees must be able to access only their department's app.
- All sales, contract, and warranty data must be shared among the departments.
- The project manager must be solely responsible for creating and owning the deployment plan for projects.
- All projects must run by using the Agile methodology.

- The deployment plan must include the environment setup, training plan, rollout strategy, and deployment support.

#### Issue

The IT manager reports that the deployment plan is not complete.

You need to add a new column to the production environment.

What should you do in each environment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

### Steps for table changes

development	<ul style="list-style-type: none"><li>Deploy the pipeline step.</li><li>Export the solution as managed.</li><li>Export the solution as unmanaged.</li></ul>
production	<ul style="list-style-type: none"><li>Import the solution as managed.</li><li>Import the solution as unmanaged.</li><li>Monitor the pipeline deployment.</li></ul>

#### Question #28

Topic 3

A company uses Microsoft Power Platform with assets that include solution files, flat files, custom code, HTML files, and data.

You need to use application lifecycle management (ALM) to deploy the assets to Microsoft Dataverse.

Which tool should you use?

- A. Package deployer
- B. Solution packager
- C. Configuration Migration tool
- D. Microsoft Power Platform Build Tools

A customer plans to use Microsoft Power Platform integration capabilities to migrate its on-premises sales database to Microsoft Dataverse. The database has more than 10 years of sales data with complex table relationships. The data is used to generate real-time sales reports and predictive analytics.

The customer requires a data migration strategy that implements the following:

- ensures minimal downtime
- maintains data integrity
- allows for validation of migrated data before switching to the new system
- ensures that the historical data is preserved accurately in the Dataverse environment

Which two strategies should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Perform a full migration and start using Dataverse after migration.
- B. Perform a full migration and perform a test run on Dataverse to simulate real-time activity.
- C. Develop a phased migration plan in which data is moved in chunks based on years.
- D. Map the data schema to Dataverse and validate integrity through trial loads.
- E. Migrate historical data to Azure Data Lake to reduce migration complexity.

#### HOTSPOT

-

#### Case study

-

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To start the 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 Microsoft 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 Microsoft Entra ID.
- 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 jobs and potential workers.
- Workers must be able to communicate in near real-time with worker support agents.
- You must minimize development and administrative effort required to implement the solution.

## 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 Microsoft 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 skill 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.

## Deployment

- - Application development work should be completed in the development environment and follow lifecycle management best practices.
  - Solutions need to be able to be checked for issues before deploying from the development environment to other environments.

## 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 Microsoft 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.
- Currently all route planning for the audit team is done manually. This does not always result in the best route for the mobile audit teams, especially when many appointments are scheduled. Lack of optimization can lead to missed visits with companies.

You need to design tables 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.

### **Answer Area**

<b>Data type</b>	<b>Technical solution</b>
Site visit record	Custom table Activity table Virtual table
Security clearance record	Lookup (N:1) Choice Lookup (N:N)

**HOTSPOT**

A nationwide retailer is streamlining its warehouse operations by using a custom Microsoft Power Platform solution. The retailer plans to migrate its existing data to Microsoft Dataverse.

The retailer provides the following data solution requirements:

- Dispatchers are responsible for the storage, handling, and transportation of goods to and from the warehouses.
- Dispatchers will own order records and any associated order lines after an order ships.
- The floor manager requires a consolidated view of the total order revenue for each order.
- The remaining inventory on hand must be available on each order line for the shipped product.
- All staff must take photos if they observe a hazard in a warehouse. These photos must be added to a folder and shared with regional managers.

You need to design the data solution.

Which data solution component should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Data solution requirements**

Requirement	Solution component
Total order revenue	<input type="checkbox"/> Calculated column <input type="checkbox"/> Choice column <input type="checkbox"/> Rollup column <input type="checkbox"/> Whole number column
Inventory on hand	<input type="checkbox"/> Autonumber column <input type="checkbox"/> Key column <input type="checkbox"/> Rollup column <input type="checkbox"/> Whole number column
Photos of hazards	<input type="checkbox"/> File column <input type="checkbox"/> Rollup column <input type="checkbox"/> Text Area column <input type="checkbox"/> SharePoint document library

A company plans to auto-populate the Name column on a row based on other text columns on the row. The company requires this to happen immediately and without needing to refresh the form.

You need to recommend a solution.

What should you recommend that the company use?

- A. Background classic workflow
- B. Business rule
- C. Power Automate flow

#### DRAG DROP

A company is preparing to launch a new Microsoft Power Apps app.

The company must import data for the launch. The company requests a review of the documented testing process that will be used to validate the data import.

You need to provide the steps for the testing process.

Which four steps should you recommend be performed in sequence? To answer, move the appropriate steps from the list of steps to the answer area and arrange them in the correct order.

#### Answer Area

##### Steps

Customize the solution.
Create a test plan.
Run test scripts.
Complete UI validation.
Complete data mapping.
Prepare a test report.
Prepare the environment.

##### Testing process

1	
2	
3	
4	

Drag the steps from the left and drop them into the correct order in the testing process table.



A multinational corporation is deploying a Microsoft Power Platform solution to manage its sales processes across the following regions: North America, Europe, and Asia.

Each region operates independently but reports to a global headquarters. The company has several business units that correspond to each region. Within each business unit are multiple teams based on countries/regions.

Company employees have the following requirements:

- Sales representatives must have access only to data relevant to their specific country/region.
- Regional managers must be able to view and manage data across all areas within their region.
- Some global analysts require read-only access to sales data across the corporation by using third-party tools.
- External contractors need limited access to the system to input their progress.

You need to design a solution for the company.

What should you do?

- A. Implement row-level security.
- B. Implement a DLP policy to restrict data that will be shared from Microsoft Dataverse.
- C. Use a global security role with organization-level access for sales representatives.
- D. Use a single default business unit and manage data access through security roles.

A retail company runs a Microsoft Power Automate flow that notifies customers when their orders are shipped.

The flow runs under a service account that experienced much higher API transaction volumes over the last 12 hours due to a sales promotion.

An administrator reports that the flow is often delayed and sometimes fails to send the customer notification.

You need to validate the platform limit the flow is encountering.

Which platform limit is disrupting the flow?

- A. Microsoft Power Apps API Request limit
- B. User entitlement limit
- C. Microsoft Dataverse storage capacity limit
- D. Microsoft Power Automate API Request limit
- E. Service protection API limit

## Introductory Info

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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 -

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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 jobs and potential workers. Workers must be able to communicate in near real-time with worker support agents. You must minimize development and administrative effort required to implement the solution.

#### 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 skill 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.

▪

### Question

DRAG DROP -

You need to recommend the appropriate messaging channel solutions for the organization.

What should you recommend? To answer, drag the appropriate messaging options to the correct user types. Each messaging option 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

Messaging options	User type	Messaging option
Power Apps portals	Worker support agents	
Dynamics 365 Customer Service	Workers	
Omnichannel for Customer Service dashboard		

Question #2

Topic 4

### Introductory Info

Case study -

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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 -

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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 jobs and potential workers.

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

You must minimize development and administrative effort required to implement the solution.

#### Client company visits -

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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.

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When a worker makes an appointment, the appointments must appear in the timeline for the worker's contact record.

#### Job history information -

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#### Data platform -

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#### Reporting and analytics -

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#### Security -

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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.

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#### Issues -

The organization reports the following issues:

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#### Question

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

Question #3

*Topic 4*

### **Introductory Info**

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##### Data platform -

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Alerts regarding the number of recruited and placed at client companies must be updated as background processes.

#### Issues -

The organization reports the following issues:

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#### Question

You need to recommend a solution for handling data entry requirements for the mobile audit teams.

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. Canvas app within Power Apps Player
- B. Canvas app within a browser
- C. Dynamics 365 Field Service app
- D. Dynamics 365 App for Outlook

Question #4

*Topic 4*

#### Introductory Info

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-

#### Question

**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**

<b>Technologies</b>	<b>Group of users</b>	<b>Technology</b>
Microsoft Teams	First Up employees	
Power Apps portals		
Microsoft 365 Business Voice	Workers	

## Topic 5 - Testlet 2

Question #1

*Topic 5*

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#### Management -

Management requires paginated reports for stakeholders.

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#### Question

You need to recommend a solution for agents when working with customers to make reservations.

What should you recommend?

- A. task flows
- B. Business Process Flows
- C. workflows
- D. Power Automate

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### Question

You need to select an appropriate app for Relecloud.

Which app should you recommend?

- A. Dynamics 365 Field Service
- B. Dynamics 365 Sales
- C. Dynamics 365 Project Operations
- D. Dynamics 365 Customer Service

Question #3

Topic 5

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#### Question

You need to provide the IT specialists with design diagrams.

What should you provide?

- A. Business process modeler (BPM)
- B. AI Builder
- C. Entity relationship diagram (ERD)
- D. Dynamics 365 Product Visualize

Question #4

*Topic 5*

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**Question**

DRAG DROP -

You need to propose a solution for form requirements.

What should you recommend? To answer, drag the appropriate solutions to the correct requirements. Each solution 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

### Solutions

### Requirement

### Solution

Field controls

Phone number format

Workflow

Sections of Agents case form

Custom development

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#### Question

HOTSPOT -

You need to recommend a collaboration tool for each group.

Which tool should you use? To answer, select the appropriate tool in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

Group	Tool
-------	------

Maintenance supervisors

Microsoft Teams
Notes
Power Apps portal
Posts

Aircraft maintenance vendors

Dynamics 365 Workspace
Notes
Power Apps portal
Posts

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### Question

You need to recommend a feature that erases agent workloads and resolves reported issues.

What should you recommend?

- A. Dynamics 365 Customer Service default functionality
- B. Microsoft AppSource
- C. Microsoft Store

## Topic 6 - Testlet 3

Question #1

Topic 6

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#### 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 -

##### General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

You must be able to reference inspection information and quality certification information from within Dynamics 365 Field Service. Technicians must be able to view referenced inspection information from the custom solution when they perform maintenance on machines.

Machine information must not be transferred to Dynamics 365 Field Service until the machine passes inspection and the inspection certificate is certified.

#### 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.
- Be automatically marked for re-inspection should a machine fail inspection. The new inspection order must be created by using the originating inspection order as a template.

Inspectors must fill in findings comments and upload at least one photo for any inspection step that is marked as failed.

▪

#### 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.

### Question

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. Data Migration utility

Question #2

Topic 6

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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 -

General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

You must be able to reference inspection information and quality certification information from within Dynamics 365 Field Service. Technicians must be able to view referenced inspection information from the custom solution when they perform maintenance on machines.

Machine information must not be transferred to Dynamics 365 Field Service until the machine passes inspection and the inspection certificate is certified.

## 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.
- Be automatically marked for re-inspection should a machine fail inspection. The new inspection order must be created by using the originating inspection order as a template.

Inspectors must fill in findings comments and upload at least one photo for any inspection step that is marked as failed.

▪

### 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.

## Question

### HOTSPOT -

You need to recommend components to meet the re-inspection requirements.

Which components 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

Initiate the creation of re-inspection orders.

### Component

Dataflow
Business rule
Power Automate flow

From event
Business rule
Custom action

Question #3

Topic 6

#### Introductory Info

Case study -

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Background -

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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 -

##### General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

You must be able to reference inspection information and quality certification information from within Dynamics 365 Field Service. Technicians must be able to view referenced inspection information from the custom solution when they perform maintenance on machines.

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#### Quality inspection app -

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#### Inspection orders -

Inspection orders must:

- Allow entry of quality ratings of passed or failed for each quality metric identified for the machine being rated.
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Inspectors must fill in findings comments and upload at least one photo for any inspection step that is marked as failed.

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#### 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:

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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.

### Question

You need to recommend a method for transferring machine information to Dynamics 365 Field Service.

What should you recommend?

- A. Microsoft Dataverse connector
- B. Dual-write
- C. Lifecycle Services

### Question #4

### Topic 6

#### Introductory Info

##### Case study -

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##### Background -

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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.

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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 -

General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

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Inspection orders -

Inspection orders must:

- Allow entry of quality ratings of passed or failed for each quality metric identified for the machine being rated.
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Support the ability to store photo references within each inspection step to document defects found during inspections.

#### Security -

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#### 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.

#### Question

You need to recommend a solution to collect the information required to meet reporting requirements.

What should you recommend?

- A. Business process flow
- B. Business rule
- C. Business event
- D. Business process modeler

Question #5

Topic 6

#### Introductory Info

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Current environment -

Overview -

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Requirements -

General requirements -

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### Inspection orders -

#### Inspection orders must:

- Allow entry of quality ratings of passed or failed for each quality metric identified for the machine being rated.
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### Inspection standardization -

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

### Security -

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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.

## Question

### HOTSPOT -

You need to recommend solutions to meet the inspection 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

### Solution

View, assign, and resolve inspection bottlenecks.

Booking rules
Schedule board
Proficiency models

Automatically input measurement readings from inspection gauges

Custom connector
Azure IoT Hub connector
Azure IoT Central connector
Microsoft Dataverse connector

### Topic 7 - Testlet 4

Question #1

Topic 7

#### Introductory Info

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 skill 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.

#### Question

##### 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
----------	-----------------------

Question #2

Topic 7

### Introductory Info

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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.

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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 skill 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.

#### Question

You need to recommend technology for accessing historical job placement data.

What should you recommend?

- A. Power Virtual Agents chatbots
- B. Virtual tables
- C. Power BI
- D. Power Automate flows

Question #3

Topic 7

#### Introductory Info

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#### Data platform -

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#### Question

##### HOTSPOT -

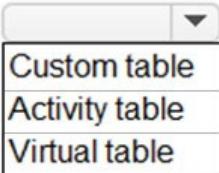
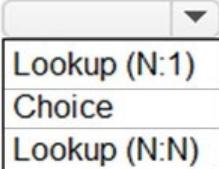
You need to design tables for the solution.

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

Data type	Technical solution
Job placement record	 <ul style="list-style-type: none"><li>Custom table</li><li>Activity table</li><li>Virtual table</li></ul>
Security clearance record	 <ul style="list-style-type: none"><li>Lookup (N:1)</li><li>Choice</li><li>Lookup (N:N)</li></ul>

Question #4

Topic 7

### Introductory Info

Case study -

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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 -

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#### Client company visits -

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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 -

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

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#### Worker access -

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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.

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#### Security -

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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.

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Users cannot view Power BI reports within the Power Platform apps.

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The testing team reports that one of the canvas apps is not working as expected. An error message displays as specific pages load.

#### Question

##### HOTSPOT -

You need to recommend solutions for the organization's technical challenges.

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

Provide workers a self-service option for viewing personal and skills information.

### Solution

Power Automate
QnA Maker

Question #5

Topic 7

### Introductory Info

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Current environment -

Existing systems and processes -

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#### Question

HOTSPOT -

You need to recommend methods to resolve the organization's issues.

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

#### Resolution method

Users cannot see Power BI reports.

Add users to Microsoft 365.
Assign Power BI licenses to users.
Configure an on-premises data gateway.

Historical data does not appear in reports.

Configure Azure Data Lake.
Configure a custom connector.
Configure an on-premises data gateway.

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### 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 skill 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.

## Question

DRAG DROP -

You need to recommend methods for assigning security to each group of users.

What should you recommend? To answer, drag the appropriate methods to the correct groups of users. Each method 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:

Methods	Answer Area	
	Group of users	Method
Dataverse Application User	Full-time employees	Method
Power Platform Local Business Owner Team	Automation	Method
Azure Active Directory B2B Guest Access	Corporate governance auditing team	Method
Azure Active Directory Security Group Team		

## Topic 8 - Testlet 5

Question #1

Topic 8

### Introductory Info

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 table.

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.

#### Question

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

Question #2

Topic 8

### Introductory Info

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The company uses vendors to service aircraft.

Environment -

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Contracts with maintenance companies must be stored in Dynamics 365 Customer Service.

### Question

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:

### Answer Area

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

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Contracts with maintenance companies must be stored in Dynamics 365 Customer Service.

### Question

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

Question #4

Topic 8

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#### Environment -

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Contracts with maintenance companies must be stored in Dynamics 365 Customer Service.

#### Question

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.

Question #5

Topic 8

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### Question

You need to provide the IT team and managers with a mobile solution.

How many apps should you recommend?

- A. one app for each job role
- B. one app for each user
- C. one app for all employees of the team
- D. one app for each team of employees

Question #6

Topic 8

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#### Question

HOTSPOT -

You need to recommend tools for agents and management.

Which tools should you recommend? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

User type	Tool
Agent	<div style="border: 1px solid black; padding: 5px;"><p>Power BI</p><p>Dashboard</p><p>Microsoft Power Automate</p><p>Microsoft Power Apps</p></div>
Management	<div style="border: 1px solid black; padding: 5px;"><p>Power BI</p><p>Microsoft Power Apps</p><p>Microsoft AppSource</p><p>Microsoft Power Automate</p></div>

### Topic 9 - Testlet 6

Question #1

Topic 9

#### Introductory Info

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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 -

General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

You must be able to reference inspection information and quality certification information from within Dynamics 365 Field Service. Technicians must be able to view referenced inspection information from the custom solution when they perform maintenance on machines.

Machine information must not be transferred to Dynamics 365 Field Service until the machine passes inspection and the inspection certificate is certified.

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.
- Be automatically marked for re-inspection should a machine fail inspection. The new inspection order must be created by using the originating inspection order as a template.

Inspectors must fill in findings comments and upload at least one photo for any inspection step that is marked as failed.

▪

#### 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.

#### Question

##### HOTSPOT -

You need to recommend a solution to meet user interface 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

### Solution

Visual representation of gauge readings with minimum and maximum tolerances.

Create and embed a Power BI radial gauge.

Question #2

Topic 9

#### Introductory Info

Case study -

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Background -

Fabrikam, Inc. manufactures industrial metal cutting machines. The company installs and services the machines for customers.

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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.

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The company has an enterprise Microsoft 365 subscription. The company uses Microsoft 365 only for sending and receiving email. The company

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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 -

##### General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

You must be able to reference inspection information and quality certification information from within Dynamics 365 Field Service. Technicians must be able to view referenced inspection information from the custom solution when they perform maintenance on machines.

Machine information must not be transferred to Dynamics 365 Field Service until the machine passes inspection and the inspection certificate is certified.

##### Quality inspection app -

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##### 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.
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- Be automatically marked for re-inspection should a machine fail inspection. The new inspection order must be created by using the originating inspection order as a template.

Inspectors must fill in findings comments and upload at least one photo for any inspection step that is marked as failed.

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##### 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.

#### Question

HOTSPOT -

You need to recommend solutions to meet the integration 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	Solution
View, assign, and resolve inspection bottlenecks.	<ul style="list-style-type: none"><li>Booking rules</li><li>Schedule board</li><li>Proficiency models</li></ul>
Automatically input measurement readings from inspection gauges	<ul style="list-style-type: none"><li>Custom connector</li><li>Azure IoT Hub connector</li><li>Azure IoT Central connector</li><li>Microsoft Dataverse connector</li></ul>

Booking rules
Schedule board
Proficiency models
Custom connector
Azure IoT Hub connector
Azure IoT Central connector
Microsoft Dataverse connector

Question #3

Topic 9

#### Introductory Info

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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.

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#### 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.

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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 -

##### General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

You must be able to reference inspection information and quality certification information from within Dynamics 365 Field Service. Technicians must be able to view referenced inspection information from the custom solution when they perform maintenance on machines.

Machine information must not be transferred to Dynamics 365 Field Service until the machine passes inspection and the inspection certificate is certified.

#### Quality inspection app -

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#### 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.
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Inspectors must fill in findings comments and upload at least one photo for any inspection step that is marked as failed.

▪

#### 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.

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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.

#### Question

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

Question #4

Topic 9

### Introductory Info

Case study -

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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.

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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 -

General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

You must be able to reference inspection information and quality certification information from within Dynamics 365 Field Service. Technicians must be able to view referenced inspection information from the custom solution when they perform maintenance on machines.

Machine information must not be transferred to Dynamics 365 Field Service until the machine passes inspection and the inspection certificate is certified.

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.
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Inspectors must fill in findings comments and upload at least one photo for any inspection step that is marked as failed.

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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:

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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.

#### Question

HOTSPOT -

You need to recommend the appropriate components to meet the inspection 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

Prevent editing of finalized inspection orders.

#### Solution

Business rule
Security role
User permission

Prepare documentation for failed inspection steps.

Data flow
Business rule
Form property

Question #5

Topic 9

#### Introductory Info

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Current environment -

Overview -

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Accounting system -

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Requirements -

General requirements -

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#### Inspection standardization -

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

#### Security -

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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.

#### Question

You need to manage user access to the app.

Which two connection types should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Virtual table with a customer connector
- B. Office 365 Outlook connector
- C. Microsoft Dataverse connector
- D. Office 365 Users connector

Question #6

Topic 9

#### Introductory Info

##### Case study -

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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 -

General requirements -

The solution must be able to provide a printed quality certificate that is included with each machine. The inspection certificate must contain the name of the customer that the machine is sold to before the certificate is finalized.

Information about each machine produced must be transferred to Dynamics 365 Field Service. The information must include machine specifications and maintenance requirements.

You must be able to reference inspection information and quality certification information from within Dynamics 365 Field Service. Technicians must be able to view referenced inspection information from the custom solution when they perform maintenance on machines.

Machine information must not be transferred to Dynamics 365 Field Service until the machine passes inspection and the inspection certificate is certified.

## 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.
- Be automatically marked for re-inspection should a machine fail inspection. The new inspection order must be created by using the originating inspection order as a template.

Inspectors must fill in findings comments and upload at least one photo for any inspection step that is marked as failed.

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### 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.

### Question

You need to resolve the issue reported during testing.

What should you do?

- A. Create an image data type within the Inspection Order table.
- B. Create a relationship within the Inspection Order table to the originating inspection order.
- C. Create a Quick View form for the inspection order.

## Introductory Info

### Case study -

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### 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.

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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.

**Question**

You need to recommend an environment for the inspection solution.

Where should you recommend installing the solution?

- A. within the Dynamics 365 Field Service environment
- B. within the default Dynamics 365 Field Service environment
- C. in a separate Microsoft Dataverse environment in the same instance as the Dynamics 365 Field Service environment
- D. in a separate Dataverse environment with Dynamics 365 apps enabled

**Topic 10 - Testlet 7**

Question #1

*Topic 10*

**Introductory Info**

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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.

You must minimize development and administrative effort required to implement the solution.

#### 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 skill 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.

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#### Question

You need to investigate the canvas app functionality issues.

Which two tools can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. App checker
- B. Errors function
- C. Solution checker
- D. Power Platform admin center



