



# PL-600<sup>Q&As</sup>

Microsoft Power Platform Solution Architect

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## QUESTION 1

### DRAG DROP

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

The data model must meet the following requirements:

1.  
When an account is assigned to a new salesperson, all opportunities that are associated with the account must be assigned to the new salesperson.

2.  
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

Cascade All

Cascade Active

Cascade User Owned

Cascade None

### Answer Area

Requirement	Cascading strategy
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
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

Correct Answer:



### Cascading strategies

Cascade Active

Cascade None

### Answer Area

Requirement	Cascading strategy
When an account is assigned to a new salesperson, all opportunities that are associated with the account must be assigned to the new salesperson.	Cascade All
When a salesperson assigns a lead to another salesperson, all phone call activities related to the lead must be assigned to the new salesperson.	Cascade User Owned

Box 1: Cascade All

Cascade All - Perform the action on all referencing table records associated with the referenced table record.

Box 2: Cascade User Owned

Cascade User Owned - Perform the action on all referencing table records owned by the same user as the referenced table record.

Reference: <https://docs.microsoft.com/en-us/power-apps/developer/data-platform/configure-entity-relationship-cascading-behavior>

### QUESTION 2

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.

Correct Answer: CDE

Service protection API limits are enforced based on three facets:

(E)

The number of requests sent by a user.

(C)

The combined execution time required to process requests sent by a user.

(D)

The number of concurrent requests sent by a user.

Reference: <https://docs.microsoft.com/en-us/power-apps/developer/data-platform/api-limits>

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### QUESTION 3

#### 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.

Hot Area:



### 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	

Correct Answer:



## 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	

Explanation:

Box 1: Azure Active Directory security group

Share a canvas app with the auditor team.

Share a canvas app with your organization

After you build a canvas app that addresses a business need, specify which users in your organization can run the app and who can modify and even re-share it. Specify each user by name, or specify a security group in Azure Active

Directory (Azure AD). If everyone would benefit from your app, specify that your entire organization can run it.

Box 2: Report access

Ensure account balance values in Power BI are only viewable by the investment team.

Share Power BI reports and dashboards with coworkers and others

When you share a report or dashboard, the people you share it with can view it and interact with it, but can't edit it. The recipients see the same data that you see in the reports and dashboards. They also get access to the entire underlying

dataset, unless row-level security (RLS) is applied to it. The coworkers you share with can reshare with their coworkers



if you allow them to.

Box 3: Manager Hierarchy model

Streamline user administration and role assignment.

Hierarchy security to control access

The hierarchy security model is an extension to the existing security models that use business units, security roles, sharing, and teams. It can be used in conjunction with all other existing security models. The hierarchy security offers a more

granular access to records for an organization and helps to bring the maintenance costs down. For example, in complex scenarios, you can start with creating several business units and then add the hierarchy security. This will achieve a

more granular access to data with far less maintenance costs that a large number of business units may require.

Reference:

<https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/share-app>

<https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-share-dashboards>

<https://learn.microsoft.com/en-us/power-platform/admin/hierarchy-security>

#### QUESTION 4

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

- Power Apps portals
- Dynamics 365 Customer Service
- Omnichannel for Customer Service dashboard

##### User type

- Worker support agents
- Patients

##### Messaging option

Correct Answer:



### Answer Area

#### Messaging options

Power Apps portals

#### User type

Worker support agents

Patients

#### Messaging option

Omnichannel for Customer Service dashboard

Dynamics 365 Customer Service

Box 1: Omnichannel for Customer Service dashboard

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

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.

If you choose to expand your customer service offering to provide chat and channels, the Customer Service workspace seamlessly adjusts to support managing conversations as well.

Note: As an agent with the Customer Service Representative security role, when you open Customer Service workspace, you start on the Customer Service Agent Dashboard unless your administrator has changed the default view. This

dashboard shows you your active cases, cases you can work in queues you are assigned to, and your open activities. You can open existing cases and activities or begin working new cases from the queues you are assigned to and create activities.

Box 2: Dynamics 365 Customer Service

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

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customer-service/csw-overview>

### QUESTION 5

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

Correct Answer: A

Restrict Delete: Prevent the Referenced table record from being deleted when referencing tables exist. Incorrect Answers:

D: Remove Link: Remove the value of the referencing column for all referencing table records associated with the referenced table record.

Reference: <https://docs.microsoft.com/en-us/powerapps/developer/data-platform/configure-entity-relationship-cascading-behavior>

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## QUESTION 6

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

Correct Answer: CE

Reference: <https://learn.microsoft.com/en-us/power-apps/developer/data-platform/use-upsert-insert-update-record> <https://powerusers.microsoft.com/t5/Microsoft-Dataverse/Question-regarding-Power-Query-and-CDS/m-p/599566#M5825> <https://learn.microsoft.com/en-us/power-platform/admin/detect-duplicate-records>

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## QUESTION 7

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

Correct Answer: AC

A: To enable Logic Apps, Power Automate, or Power Apps to communicate with the REST or SOAP API, use a custom connector, which is a wrapper around a REST API (Logic Apps also supports SOAP APIs).

C: Custom APIs are a powerful way to connect to any existing API, hosted anywhere, from PowerApps. You do not need a PowerApps Enterprise subscription to register or use a Custom API.

Custom APIs are RESTful endpoints that you can connect to and use from PowerApps. All you'll need is a Swagger definition file for your endpoint.

Reference: <https://docs.microsoft.com/en-us/power-platform/guidance/architecture/real-world-examples/custom-connector-canvas> <https://powerapps.microsoft.com/hr-hr/blog/register-and-use-custom-apis-in-powerapps/>

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## QUESTION 8

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: 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

Correct Answer: A

Explanation:

Task mining is a technology that enables organizations to capture detailed steps for tasks performed on users' desktops, either independently or collaboratively with colleagues.

By analyzing recorded user actions, task mining allows organizations to gain insights into how they perform tasks,



identify common mistakes made during task performance, and pinpoint tasks that can be automated, all of which can help

optimize their business processes.

Task mining is a powerful tool for streamlining workflows, identifying inefficiencies and bottlenecks in workflows, reducing costs, and fostering a culture of continuous improvement where employees are encouraged to optimize their work

processes.

Reference:

<https://learn.microsoft.com/en-us/power-automate/task-mining-overview>

## QUESTION 9

### 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:

1.

Form load time is much slower than it was during testing.

2.

Overall system performance has been significantly slower that 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	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <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> </div> </div>
Overall slow system performance	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <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> </div> </div>



Correct Answer:

### 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>

Box 1: Review the fields that are on the form

Keep the number of table columns (fields) to a minimum.

The more table columns (formerly referred to as fields) you have in a form, the more data that needs to be downloaded to view each record.

Box 2: Review one to many relationships to verify whether cascade settings are necessary.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/optimize-form-performance>

### QUESTION 10

#### 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:

1.

Users who own account rows are receiving system generated emails.

2.

Data that is not part of the migration is being added to the Contact and Appointment tables.

3.

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

### Migration issue

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.

### Resolution strategies

Disable auditing.

Disable duplicate detection.

Disable all custom JavaScript functions.

Disable all workflows, plug-ins, and Power Platform admin center

### Resolution strategy

Correct Answer:



### Resolution strategies

Disable all custom JavaScript functions.

### Answer Area

#### Migration issue

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.

#### Resolution strategy

Disable duplicate detection.

Disable all workflows, plug-ins, and Power Platform admin center

Disable auditing.

Box 1: Disable duplicate detection

Duplicate detection has rules for sending emails.

Box 2: Disable all workflows, plug-ins, and Power Platform admin center

Box 3: Disable auditing

Auditing affects the size of the log file.

Reference:

<https://docs.microsoft.com/en-us/power-platform/admin/set-up-duplicate-detection-rules-keep-data-clean>



**QUESTION 11**

**HOTSPOT**

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

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

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

### Scenario

### Relationship behavior

A worker transfers to a new client company.

	▼
Assign: Cascade All	
Assign: Cascade None	
Merge: Cascade All	
Rollup View: Cascade All	

A user deletes a worker's job placement history.

	▼
Delete: Cascade All	
Delete: Remove Link	
Delete: Restrict	

Correct Answer:



## Answer Area

### Scenario

### Relationship behavior

A worker transfers to a new client company.

	▼
Assign: Cascade All	
Assign: Cascade None	
Merge: Cascade All	
Rollup View: Cascade All	

A user deletes a worker's job placement history.

	▼
Delete: Cascade All	
Delete: Remove Link	
Delete: Restrict	

Box 1: Assign: Cascade None

Scenario: Worker still records must be archived after ten years and are then removed from the main system.

Assign: The referenced table record owner is changed.

Cascade None: Do nothing.

Incorrect Answers:

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

Box 2: Delete: Restrict

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

Referential, Restrict Delete: In a referential, restrict delete relationship between two tables, you can navigate to any related rows. Actions taken on the parent row will not be applied to the child row, but the parent row cannot be deleted while

the child row exists. This is useful if you do not want child rows to become orphaned. This forces the user to delete all of the children before deleting the parent.

Reference:

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





### QUESTION 12

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

Correct Answer: A

Scenario: IT staff needs a mobile solution to see IT cases at the top of the menu since this is their primary focus. Managers need to see all customer dashboards at the top of their menu on their mobile device.

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### QUESTION 13

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.

Correct Answer: A

Microsoft Dataverse uses a role-based security model to help secure access to the database. Security roles can be used to configure environment-wide access to all resources in the environment.

Reference: <https://docs.microsoft.com/en-us/power-platform/admin/database-security>