

# Microsoft

## Exam Questions PL-600

Microsoft Power Platform Solution Architect



**NEW QUESTION 1**

HOTSPOT - (Topic 1)

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.

| Issue                                       | Resolution method   |
|---|---|
| Users cannot see Power BI reports.          | <div style="border: 1px solid gray; padding: 2px;"> <div style="border-bottom: 1px solid gray; padding: 2px;">Add users to Microsoft 365.</div> <div style="border-bottom: 1px solid gray; padding: 2px;">Assign Power BI licenses to users.</div> <div style="padding: 2px;">Configure an on-premises data gateway.</div> </div> |
| Historical data does not appear in reports. | <div style="border: 1px solid gray; padding: 2px;"> <div style="border-bottom: 1px solid gray; padding: 2px;">Configure Azure Data Lake.</div> <div style="border-bottom: 1px solid gray; padding: 2px;">Configure a custom connector.</div> <div style="padding: 2px;">Configure an on-premises data gateway.</div> </div>       |

Answer:

| Issue                                       | Resolution method   |
|---|---|
| Users cannot see Power BI reports.          | <div style="border: 1px solid gray; padding: 2px;"> <div style="border-bottom: 1px solid gray; padding: 2px;">Add users to Microsoft 365.</div> <div style="border-bottom: 1px solid gray; padding: 2px;">Assign Power BI licenses to users.</div> <div style="padding: 2px;">Configure an on-premises data gateway.</div> </div> |
| Historical data does not appear in reports. | <div style="border: 1px solid gray; padding: 2px;"> <div style="border-bottom: 1px solid gray; padding: 2px;">Configure Azure Data Lake.</div> <div style="border-bottom: 1px solid gray; padding: 2px;">Configure a custom connector.</div> <div style="padding: 2px;">Configure an on-premises data gateway.</div> </div>       |

**Solution:**

Box 1: Add users to Microsoft 365.

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

Issue: The people you share with may see a locked tile in a dashboard, or a "Permission required" message when they try to view a report.

Solution: You need to grant them permission to the underlying dataset.

? Go to the All or the Datasets + dataflows tab in your content list.

? Select More options (...) next to a dataset, then select Manage permissions.

? Select Add user.

? Enter the full email addresses for individuals, distribution groups, or security groups.

? Select Grant access.

Box 2: Configure an on-premises data gateway.

Scenario: The company plans to reference historical data in the [on-premises] existing system. The records held in these systems will not be migrated to the new solution except for medication information.

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

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**NEW QUESTION 2**

DRAG DROP - (Topic 1)

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.

| 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 |                                    |        |

**Solution:**

Box 1: Power Platform Local Business Owner Team

Owner team: An owner team owns records and has security roles assigned to the team. A user's privileges can come from their individual security roles, those of the teams that they're part of or the ones they inherit. A team has full access rights on the records that the team owns. Team members are added manually to the owner team.

Scenario: Employee authentication with the existing system is provided by an on-premises Active Directory instance that is linked to Azure Active Directory.

Box 2: Azure Active Directory Security Group Team

An Azure Active Directory (Azure AD) group team. Similar to owner team, an Azure AD group team can own records and can have security roles assigned to the team.

Note: The administration of app and data access for Microsoft Dataverse has been extended to allow administrators to use their organization's Azure Active Directory (Azure AD) groups to manage access rights for licensed Dataverse users.

Box 3: Azure Active Directory B2B Guest Access

An Azure AD B2B collaboration user is an external user, typically from a partner organization, that you invite to sign into your Azure AD organization using their own credentials. This B2B collaboration user (also generally referred to as a guest user) can then access the apps and resources you want to share with them. A user object is created for the B2B collaboration user in the same directory as your employees. B2B collaboration user objects have limited privileges in your directory by default, and they can be managed like employees, added to groups, and so on.

Scenario: 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.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**NEW QUESTION 3**  
 HOTSPOT - (Topic 3)

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.

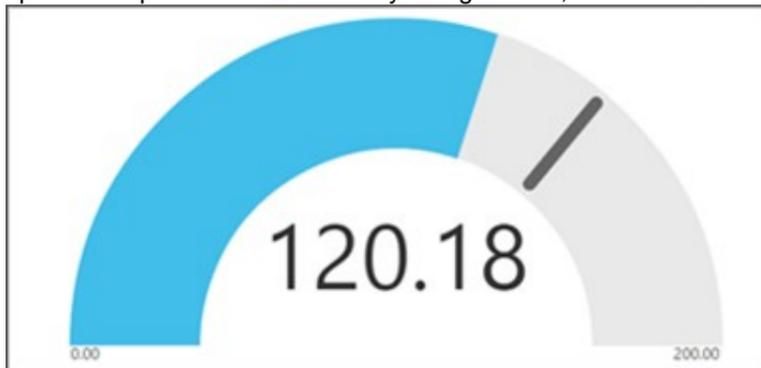
NOTE: Each correct selection is worth one point.

| Requirement  | Solution  |
|--|---|
| Visual representation of gauge readings with minimum and maximum tolerances.   | <div style="border: 1px solid gray; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;">                     Create and embed a Power BI radial gauge.<br/>                     Create and embed a custom visualization component.<br/>                     Create and embed a standard Power Apps donut chart.                 </div> </div> |
| Add visibility to the manufacturing inspection records for onsite technicians. | <div style="border: 1px solid gray; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;">                     Configure mobile offline synchronization.<br/>                     Add an inspection order to the work order form<br/>                     Modify the sitemap for Dynamics 365 Field Service.                 </div> </div>      |

**Solution:**

Box 1: Create and embed a Power Bi radial gauge

A radial gauge chart has a circular arc and shows a single value that measures progress toward a goal or a Key Performance Indicator (KPI). The line (or needle) represents the goal or target value. The shading represents the progress toward that goal. The value inside the arc represents the progress value. Power BI spreads all possible values evenly along the arc, from the minimum (left-most value) to the maximum (right-most value).



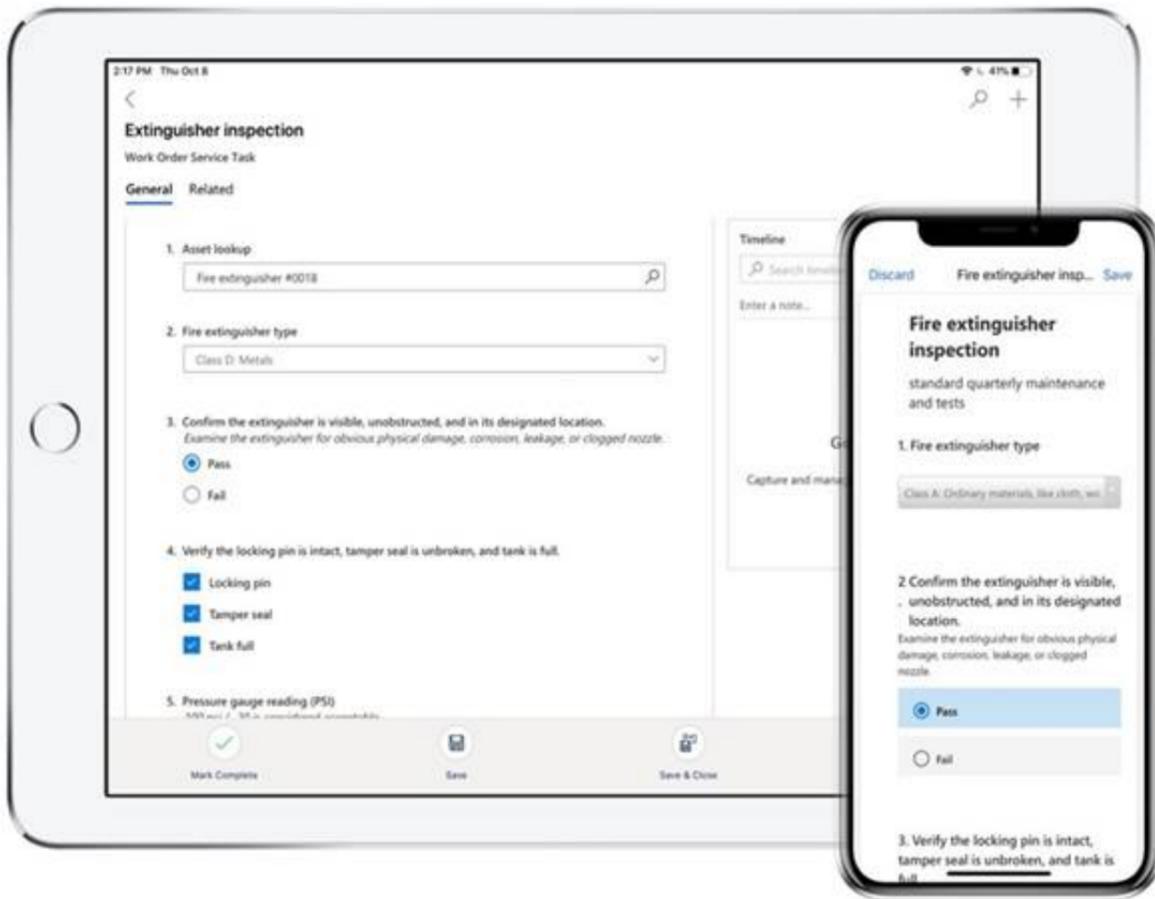
In this example, you're a car retailer tracking the sales team's average sales per month. The needle represents a 140 cars sales goal. The minimum possible average sales is 0 and the maximum is 200. The blue shading shows that the team is averaging approximately 120 sales this month.

Box 2: Add an inspection order to the work order form

You can add inspections to work orders in Dynamics 365 Field Service.

Field Service inspections are digital forms that technicians use to quickly and easily answer a list of questions as part of a work order. The list of questions can include safety protocols, pass-and-fail tests for a customer asset, an interview with a customer, or other audits and assessments performed before, during, or after a work order.

Example:



Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**NEW QUESTION 4**

- (Topic 3)

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

**Answer: A**

**Explanation:**

Business rule can create business recommendations based on business intelligence. Scenario: 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.

Reference:

<https://docs.microsoft.com/en-us/learn/modules/define-create-business-rules/>

**NEW QUESTION 5**

HOTSPOT - (Topic 4)

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.

**Requirement**

**Solution**

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

▼

- 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

Answer:

**Requirement**

**Solution**

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

▼

- 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

**Solution:**

Box 1: Autonumber column

Autonumber columns are columns that automatically generate alphanumeric strings whenever they are created.

Box 2: Business rule

By combining conditions and actions, you can do any of the following with business rules:

- ? Enable or disable columns
- ? Set column values
- ? Clear column values
- ? Set column requirement levels
- ? Show or hide columns
- ? Validate data and show error messages
- ? Create business recommendations based on business intelligence.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**NEW QUESTION 6**

- (Topic 4)

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

**Answer: A**

**Explanation:**

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

Reference:

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

**NEW QUESTION 7**

- (Topic 4)

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

**Answer:** BCE

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/portals/portal-templates>  
<https://docs.microsoft.com/en-us/dynamics365/customer-service/embed-chat-widget-portal>

**NEW QUESTION 8**

- (Topic 4)

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

**Answer:** B

**NEW QUESTION 9**

HOTSPOT - (Topic 4)

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.

**Requirement**

**Design**

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

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

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

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

**Solution:**

**Requirement**

**Design**

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

|   |
|---|
| ▼   |
| 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. |

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**NEW QUESTION 10**

- (Topic 4)

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

**Answer:** B

**NEW QUESTION 11**

HOTSPOT - (Topic 4)

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.

**Answer Area**

**User type**

**Authentication model**

Call center employee

|  |
|--|
| <input type="checkbox"/> Azure AD and a security role<br><input type="checkbox"/> Azure AD and a web role<br><input type="checkbox"/> Authenticated user and a security role<br><input type="checkbox"/> Authenticated user and a web role |
|--|

Repair service customer

|  |
|--|
| <input type="checkbox"/> Azure AD and a security role<br><input type="checkbox"/> Azure AD and a web role<br><input type="checkbox"/> Authenticated user and a security role<br><input type="checkbox"/> Authenticated user and a web role |
|--|

Third-party technician

|  |
|--|
| <input type="checkbox"/> Azure AD and a security role<br><input type="checkbox"/> Azure AD and a web role<br><input type="checkbox"/> Authenticated user and a security role<br><input type="checkbox"/> Authenticated user and a web role |
|--|

Solution:

**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      |

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**NEW QUESTION 12**

DRAG DROP - (Topic 4)

A company plans to integrate Microsoft Power Platform with existing systems, including Microsoft Dynamics 365 Omni channel 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   |
|---|-------------|---|--|
| <ul style="list-style-type: none"> <li>Custom API</li> <li>Custom pages</li> <li>Microsoft Power Virtual Agent</li> </ul> |             | <p>Requirement</p> <p>Display information about the contact in the Omnichannel app.</p> <p>Ensure only tables needed are exposed for integration purposes.</p> <p>Display data hierarchy from other systems within Dynamics 365 without saving the data within Microsoft Dataverse.</p> | <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul> |

Solution:

| Solutions   | Answer Area | Requirement   | Solution  |
|---|-------------|---|---|
| <ul style="list-style-type: none"> <li>Custom API</li> <li>Custom pages</li> <li>Microsoft Power Virtual Agent</li> </ul> |             | <p>Requirement</p> <p>Display information about the contact in the Omnichannel app.</p> <p>Ensure only tables needed are exposed for integration purposes.</p> <p>Display data hierarchy from other systems within Dynamics 365 without saving the data within Microsoft Dataverse.</p> | <ul style="list-style-type: none"> <li>Microsoft Power Virtual Agent</li> <li>Custom API</li> <li>Custom pages</li> </ul> |

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**NEW QUESTION 13**

- (Topic 4)

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:  
 ? 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

**Answer:** AD

**Explanation:**

A: Power BI is a business analytics service by Microsoft. It aims to provide interactive visualizations and business intelligence capabilities with an interface simple enough for end users to create their own reports and dashboards. It is part of the Microsoft Power Platform.  
D: Power BI Apps are an easy way for designers to share different types of content at one time. App designers create the dashboards and reports and bundle them together into an app. The designers then share or publish the app to a location where you, the business user, can access it. Because related dashboards and reports are bundled together, it's easier for you to find and install in both the Power BI service (<https://powerbi.com>) and on your mobile device. After you install an app, you don't have to remember the names of a lot of different dashboards or reports because they're all together in one app, in your browser or on your mobile device.

Reference:

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-apps>

**NEW QUESTION 14**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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 task mining to discover inefficiencies in the process.

Does the solution meet the goal?

**Solution:**

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**NEW QUESTION 15**

- (Topic 4)

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

**Answer:** ABE

**NEW QUESTION 16**

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