

➤ **Vendor: Microsoft**

➤ **Exam Code: DP-500**

➤ **Exam Name: Designing and Implementing Enterprise-Scale Analytics Solutions Using Microsoft Azure and Microsoft Power BI**

➤ **New Updated Questions from [Braindump2go](https://www.braindump2go.com)**

➤ **(Updated in [November/2023](#))**

[Visit Braindump2go and Download Full Version DP-500 Exam Dumps](#)

QUESTION 146

You deploy a tabular model named DM1 to a Power BI Premium capacity. DM1 was created as an import model. You change a fact table named Table1 into a hybrid table. What else occurred on DM1 automatically after the change?

- A. Table1 was removed from the scheduled refresh.
- B. Dimension tables that relate to Table1 were changed to dual storage mode.
- C. A related aggregation table was created.
- D. A DirectQuery partition was added to Table1.

Answer: D

QUESTION 147

You have a Power BI tenant.

You invite an external consultant to work in the tenant.

You need to grant the consultant access to the tenant. The solution must meet the following requirements:

- The consultant must be able to consume, create, and update reports and datasets.
- The consultant must access content by using Azure AD B2B.

Which settings should you enable in the Power BI Admin portal? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Invite external users to your organization
- B. Allow Azure Active Directory guest users to access Power BI
- C. Allow Azure Active Directory guest users to edit and manage content in the organization
- D. External sharing

Answer: BC

QUESTION 148

You have a Power BI tenant that is linked to an Azure AD tenant. The tenant contains a group named Group1.

You create a paginated report that does NOT use row-level security (RLS).

You need to send a copy of the report to Group1 every Monday at 9 AM UTC.

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

NOTE: Each correct selection is worth one point.

- A. Create a subscription for Group1.
- B. Publish the paginated report to a Pro workspace.

[DP-500 Exam Dumps](#) [DP-500 Exam Questions](#) [DP-500 PDF Dumps](#) [DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

- C. Create a data alert for Group1.
- D. Publish the paginated report to a Premium Per User workspace.

Answer: AD

QUESTION 149

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.

From Power Query Editor, you profile the data shown in the following exhibit.

| | IoT GUID | IoT DateTime | IoT ID |
|---|--------------------------------------|------------------------------------|------------------------------------|
| | Valid 100% Error 0% Empty 0% | Valid 100% Error 0% Empty 0% | Valid 100% Error 0% Empty 0% |
| 1 | 48196321-38D9-EC11-BB3D-0022489A2... | 21/05/2022 18:59:15 | 100001000 |
| 2 | 49196321-38D9-EC11-BB3D-0022489A2... | 21/05/2022 18:59:26 | 100001001 |
| 3 | 0300C742-38D9-EC11-BB3D-0022489A2... | 21/05/2022 19:00:21 | 100001002 |
| 4 | 0400C742-38D9-EC11-BB3D-0022489A2... | 21/05/2022 19:00:21 | 100001003 |
| 5 | 0500C742-38D9-EC11-BB3D-0022489A2... | 21/05/2022 19:00:21 | 100001004 |
| 6 | 0600C742-38D9-EC11-BB3D-0022489A2... | 21/05/2022 19:00:21 | 100001005 |

The IoT GUID and IoT ID columns are unique to each row in the query.

You need to analyze IoT events by the hour and day of the year. The solution must improve dataset performance.

Solution: You remove the IoT GUID column and retain the IoT ID column.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

QUESTION 150

You have a Power BI tenant and an Azure subscription named Sub1. The Power BI tenant and Sub1 are linked to a single Azure AD tenant.

In Sub1, you create a storage account named storage1.

You need to configure a Power BI workspace to store dataflows in storage1. The solution must use the principle of least privilege.

Which three roles should you assign for storage1? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Reader
- B. Storage Blob Data Contributor
- C. Contributor
- D. Owner
- E. Storage Blob Data Owner
- F. Storage Blob Data Reader

Answer: DEF

QUESTION 151

You have a Power BI workspace named workspace1 that contains three reports and two dataflows.

[DP-500 Exam Dumps](#)
[DP-500 Exam Questions](#)
[DP-500 PDF Dumps](#)
[DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

You have an Azure Data Lake Storage account named storage1.
You need to integrate workspace1 and storage1.
What should you do first?

- A. In storage1, create a folder named dataflows.
- B. Delete the dataflows from workspace1.
- C. In storage1, create a folder named reports.
- D. Delete the reports from workspace1.

Answer: B

QUESTION 152

You have an Azure Synapse Analytics notebook.
You run the %%sql magic command to render data into an Apache Spark DataFrame named df1, and then you run the following code.

```
display(df1, summary = true)
```

Which three attributes will be returned by the command? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. type
- B. range
- C. missing
- D. unique
- E. ordinal

Answer: ACD

QUESTION 153

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.

You have a Power BI Premium capacity.

From the Power BI Premium Capacity Metrics app, you discover the following:

- There is insufficient CPU to execute dataset refreshes.
- Out-of-memory throttling occurs when the dataset is waiting.

You need to recommend a solution to resolve the performance issues.

Solution: You assign Premium per user licenses to all workspace members.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 154

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.

You have a Power BI Premium capacity.

From the Power BI Premium Capacity Metrics app, you discover the following:

- There is insufficient CPU to execute dataset refreshes.
- Out-of-memory throttling occurs when the dataset is waiting.

You need to recommend a solution to resolve the performance issues.

[DP-500 Exam Dumps](#) [DP-500 Exam Questions](#) [DP-500 PDF Dumps](#) [DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

Solution: You move the datasets to a larger capacity.
Does this meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 155

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.

You have a Power BI Premium capacity.

From the Power BI Premium Capacity Metrics app, you discover the following:

- There is insufficient CPU to execute dataset refreshes.
- Out-of-memory throttling occurs when the dataset is waiting.

You need to recommend a solution to resolve the performance issues.

Solution: You scale up the capacity.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

QUESTION 156

You have a Power BI report that contains a card. The card displays the value for year-to-date revenue.

You need to ensure that screen reader users can read the value when initially interacting with the card. The value must stay updated as the dataset is refreshed.

What should you do?

- A. Convert the card into a text box.
- B. Populate the alt text by using conditional formatting with a DAX measure.
- C. Add the value to the chart title text.
- D. Populate the alt text with a static value.

Answer: B

QUESTION 157

You are creating a Power BI report that will contain multiple visuals.

You need to ensure that the report is accessible to users who use a screen reader.

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

NOTE: Each correct selection is worth one point.

- A. consistent colors for each visual
- B. consistent fonts for each visual
- C. alt text for each visual
- D. the tab order for each page
- E. Play Axis for each page

Answer: CD

QUESTION 158

You have a Power BI report named Report1. Report1 is connected to an imported dataset that contains a matrix. The

[DP-500 Exam Dumps](#) [DP-500 Exam Questions](#) [DP-500 PDF Dumps](#) [DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

matrix displays five measures.

When users view the report, they discover that the matrix is slow to render.

You need to review the execution times and durations in the formula engine and the storage engine for the DAX query executed by the matrix.

What should you use?

- A. DAX Studio
- B. SQL Server Profiler
- C. Performance analyzer
- D. Vertipaq Analyzer

Answer: A

QUESTION 159

You have an Azure subscription that contains an Azure Synapse Analytics workspace.

You create an Azure Data Lake Storage Gen2 account and upload a CSV file named File1.csv.

You need to use Synapse Studio to query the data in File1.csv by using a serverless SQL pool.

Which Transact-SQL operator should you include in the query?

- A. OPENQUERY
- B. OPENROWSET
- C. STRING_SPLIT
- D. OPENDATASOURCE

Answer: B

QUESTION 160

Case Study 3 - Fabrikam, Inc

Overview

General Overview

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment

Data Storage

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|---|------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces. The information security team identifies that the user experience data is being shared externally.

Requirements

Planned Changes

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

The enterprise analytics team needs to notify the report owners of the planned changes. The solution must minimize administrative effort.

What should the team do?

- A. Locate all the downstream reports, identify all the users that are assigned the Admin role, and then send an email to each user.
- B. Write a PowerShell script to access the Power BI API that retrieves a list of downstream reports and a list of workspace administrators, and then send an email to each workspace administrator.
- C. Perform impact analysis on the Financial Model dataset to notify the workspace contacts.
- D. Perform impact analysis feature on the lake database data source to notify the workspace contacts.

Answer: C

QUESTION 161

Case Study 3 - Fabrikam, Inc

Overview

General Overview

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment

Data Storage

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|---|------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces. The information security team identifies that the user experience data is being shared externally.

Requirements

Planned Changes

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

You need to recommend a solution for the analysts in the Finance and Accounting business unit to mitigate the increase in maintenance of their assets in the Power BI tenant.

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 Purview to search for datasets that contain the relevant data.
- B. Perform impact analysis on the relevant data source.
- C. Create a live connection to a Power BI dataset.
- D. Create a Power BI template app.

Answer: BD

QUESTION 162

Case Study 3 - Fabrikam, Inc

Overview

General Overview

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment

Data Storage

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|--|---------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L

workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces.

The information security team identifies that the user experience data is being shared externally.

Requirements

Planned Changes

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

Hotspot Question

You need to recommend a security solution for the Power BI tenant to control external data sharing. The solution must meet the technical requirements.

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

NOTE: Each correct selection is worth one point.

Answer Area

To prevent users from sharing public reports:

| |
|--|
| <input type="checkbox"/> Disable Publish to web. <input type="checkbox"/> For specific security groups, Enable Publish to web. <input type="checkbox"/> For specific security groups, enable Invite external users to your organization. |
|--|

To provide external users with access:

| |
|---|
| <input type="checkbox"/> Disable Invite external users to your organization. <input type="checkbox"/> Disable Users can set up email subscriptions. <input type="checkbox"/> For specific security groups, enable Invite external users to your organization. |
|---|

Answer:

Answer Area

To prevent users from sharing public reports:

- Disable Publish to web.
- For specific security groups, Enable Publish to web.
- For specific security groups, enable Invite external users to your organization.

To provide external users with access:

- Disable Invite external users to your organization.
- Disable Users can set up email subscriptions.
- For specific security groups, enable Invite external users to your organization.

QUESTION 163

Case Study 3 - Fabrikam, Inc

Overview

General Overview

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment

Data Storage

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|---|------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces. The information security team identifies that the user experience data is being shared externally.

Requirements

Planned Changes

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

Hotspot Question

The enterprise analytics team needs to create a view for the survey response data. The solution must meet the technical requirements.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
CREATE VIEW dbo.SurveyAnswers AS
SELECT doc
FROM
    OPENROWSET(
        BULK *https://mydatalake.dfs.core.windows.net/UserExp/Raw/SurveyAnswers*.json*,
        BULK
        JSON_VALUE
        PARSE
        FORMAT = 'csv',
        FORMAT = 'json',
        FORMAT = 'parquet',
        FIELDTERMINATOR = '0x0b',
        FIELDQUOTE = '0x0b',
        ROWTERMINATOR = '0x0b'
    ) WITH (doc NVARCHAR(MAX)) as rows
```

Answer:

Answer Area

```
CREATE VIEW dbo.SurveyAnswers AS
SELECT doc
FROM
    OPENROWSET(
        BULK *https://mydatalake.dfs.core.windows.net/UserExp/Raw/SurveyAnswers*.json*,
        BULK
        JSON_VALUE
        PARSE
        FORMAT = 'csv',
        FORMAT = 'json',
        FORMAT = 'parquet',
        FIELDTERMINATOR = '0x0b',
        FIELDQUOTE = '0x0b',
        ROWTERMINATOR = '0x0b'
    ) WITH (doc NVARCHAR(MAX)) as rows
```

QUESTION 164

Case Study 3 - Fabrikam, Inc

Overview

General Overview

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment

Data Storage

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database

[DP-500 Exam Dumps](#) [DP-500 Exam Questions](#) [DP-500 PDF Dumps](#) [DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|---|------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces.

The information security team identifies that the user experience data is being shared externally.

Requirements

Planned Changes

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

[DP-500 Exam Dumps](#) **[DP-500 Exam Questions](#)** **[DP-500 PDF Dumps](#)** **[DP-500 VCE Dumps](#)**

<https://www.braindump2go.com/dp-500.html>

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

Drag and Drop Question

You need to ensure that the new process for deploying reports and datasets to the User Experience workspace meets the technical requirements.

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
Answer Area

- Create deployment rules for the rest and production stages.
- Assign the workspaces to the correct stages.
- Create a Power BI deployment pipeline.
- Create deployment rules for the development and test stages.
- Create an Azure Synapse pipeline.



Answer:

Actions
Answer Area

- Create deployment rules for the rest and production stages.
- Create a Power BI deployment pipeline.



- Create an Azure Synapse pipeline.
- Assign the workspaces to the correct stages.
- Create deployment rules for the development and test stages.


QUESTION 165
Case Study 3 - Fabrikam, Inc
Overview
General Overview

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers

[DP-500 Exam Dumps](#) [DP-500 Exam Questions](#) [DP-500 PDF Dumps](#) [DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment

Data Storage

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|---|------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces.

The information security team identifies that the user experience data is being shared externally.

Requirements

Planned Changes

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.

- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

The enterprise analytics team needs to resolve the DAX measure performance issues.

What should the team do first?

- A. Use Performance analyzer in Power BI Desktop to get the DAX durations.
- B. Use DAX Studio to get detailed statistics on the server timings.
- C. Use DAX Studio to review the Vertipaq Analyzer metrics.
- D. Use Tabular Editor to create calculation groups.

Answer: A

QUESTION 166**Case Study 3 - Fabrikam, Inc****Overview****General Overview**

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment**Data Storage**

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|---|------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces. The information security team identifies that the user experience data is being shared externally.

Requirements

Planned Changes

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

You need to optimize the workflow for the creation of reports and the adjustment of tables by the enterprise analytics team.

What should you do?

- A. Add a tenant-level storage connection to Power BI.
- B. Create a linked service in workspace1.
- C. Create an integration runtime in workspace1.
- D. From the Tenant setting, enable Use global search for Power BI.

Answer: B

QUESTION 167

Case Study 3 - Fabrikam, Inc

Overview

General Overview

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment

Data Storage

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|--|---------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and

the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces. The information security team identifies that the user experience data is being shared externally.

Requirements**Planned Changes**

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

You need to meet the technical requirements for deploying reports and datasets to the User Experience workspace. What should you do?

- A. From the Corporate Data Models and User Experience workspaces, select Allow contributors to update the app.
- B. From the Corporate Data Models and User Experience workspace, set License mode to Premium per user.
- C. From the Tenant settings, set Allow specific users to turn on external data sharing to Enable.
- D. From the Developer settings, set Allow service principals to use Power BI APIs to Enable.

Answer: D

QUESTION 168**Case Study 3 - Fabrikam, Inc****Overview****General Overview**

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations

[DP-500 Exam Dumps](#) [DP-500 Exam Questions](#) [DP-500 PDF Dumps](#) [DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment**Data Storage**

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|---|------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces. The information security team identifies that the user experience data is being shared externally.

Requirements**Planned Changes**

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and

datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

You need to recommend changes to the Power BI tenant to meet the technical requirements for external data sharing. Which tenant setting should you recommend disabling?

- A. Allow shareable links to grant access to everyone in your organization
- B. Allow Azure Active Directory guest users to edit and manage content in the organization
- C. Users can reassign personal workspaces
- D. Show Azure Active Directory guests in lists of suggested people

Answer: A

QUESTION 169

Case Study 3 - Fabrikam, Inc

Overview

General Overview

Fabrikam, Inc. is a software company that develops educational software for higher education.

Organizational Structure

Fabrikam has the following business units:

- Finance and Accounting
- Sales and Marketing
- Operations
- Product

The Product business unit contains the following groups:

- User experience designers
- Software engineers
- Product managers
- Testers

The Operations business unit contains an information technology (IT) group. The IT group contains an enterprise analytics team and an information security team.

Existing Environment

Data Storage

Fabrikam has three Azure Synapse Analytics workspaces named workspace1prod, workspace1test, and workspace1dev. Each workspace is connected to an Azure Data Lake Storage account and contains a lake database that is accessed by using the built-in serverless SQL pool. The data in the Data Lake Storage accounts is available in the lake databases for analysts from every business unit to query and analyze by using Power BI.

The company imports the following files into the Data Lake Storage accounts:

- User experience data stored as JSON files
- Finance data stored as CSV files
- Sales data stored as CSV files

Reporting

Fabrikam has a Power BI tenant that contains 30 workspaces in Pro license mode. The data in the workspaces is a mix

[DP-500 Exam Dumps](#) [DP-500 Exam Questions](#) [DP-500 PDF Dumps](#) [DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

of Import and DirectQuery datasets. All reports are interactive.

Fabrikam has three frequently used workspaces as shown in the following table.

| Name | Description | Owner |
|-----------------------|---|------------------------|
| User Experience | Contains the following data: support requests, logged bugs, and end-user survey responses | Product |
| P&L | Contains the following data: profit and loss statements for the entire company and for various internal product group | Finance and Accounting |
| Corporate Data Models | Contains datasets that are maintained by the enterprise analytics team for use in the workspaces of other teams | IT |

The Corporate Data Models workspace contains a dataset named Financial Model that is used by reports in the P&L workspace. Financial Model is maintained by the enterprise analytics team. The Corporate Data Models workspace and the User Experience workspace have corresponding development and test workspaces.

User Problems

Administrators report an increase in the maintenance of Power BI tenant assets due to analysts in the Finance and Accounting business unit who create new Power BI datasets when the existing datasets already meet their needs.

Analysts in the Product business unit report the following issues:

- Datasets are published to the User Experience workspace, while the data sources reference workspace1test.
- The parsing of user experience data in Power Query is very slow.

The enterprise analytics team identifies two DAX measures in the Financial Model dataset that are consistently slow to execute. The team must identify all the reports that use the Financial Model dataset and notify the report owners of changes to the measures.

Members of the enterprise analytics team report that creating Power BI reports and adjusting tables and views in Azure Synapse is tedious because they must switch between the Power BI workspaces and the Azure Synapse workspaces.

The information security team identifies that the user experience data is being shared externally.

Requirements

Planned Changes

Fabrikam plans to implement the following changes:

- Power BI will be registered as a data source in Microsoft Purview.
- The analysts in the Product business unit will create a more automated process for deploying Power BI reports and datasets to the User Experience workspace.

The enterprise analytics team plans to perform the following tasks:

- Update the DAX calculations in the Financial Model dataset.
- Create views in the Azure Synapse workspaces to speed up the parsing of user experience data.
- Create and document the change management process for shared Power BI datasets.

Technical Requirements

From Microsoft Purview, analysts in all the business units must be able to see all the assets in the Power BI tenant and the Azure Synapse workspaces. Power BI asset information must include lineage to identify the data sources used by each report.

The information security team must identify all the Power BI reports and datasets that contain Personally Identifiable Information (PII).

Fabrikam requires a security solution for the Power BI tenant. The solution must meet the following requirements:

- Access to the tenant by external users must be approved by a manager and granted by the IT group.
- The external users must be prevented from publishing or modifying content in the tenant.
- Users must be prevented from sharing Power BI reports publicly to the internet.

The new process for deploying Power BI reports and datasets to the User Experience workspace must ensure that the datasets point to the lake database to which the relevant dataset is deployed. The views in each lake database must present the data in a tabular format.

The IT group registers the Power BI tenant as a data source in Microsoft Purview.

You need to ensure that all the analysts can view the assets in the Power BI tenant. The solution must meet the

technical requirements for Microsoft Purview and Power BI.
What should you do?

- A. Create a scan.
- B. Deploy a Power BI gateway.
- C. Search the data catalog.
- D. Create a linked service.

Answer: A

QUESTION 170

Hotspot Question

You have a Power BI tenant that contains two workspaces named WorkspaceA and WorkspaceB. WorkspaceA contains centralized datasets.

You need to ensure that users can create reports by using the datasets in WorkspaceA and store the reports in WorkspaceB.

Which setting should you enable and for which resource? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

| | |
|-----------|--|
| Setting: | <div><div>▼</div><div>Allow DirectQuery connections to Power BI datasets</div><div>Allow specific users to turn on external data sharing</div><div>Guest users can work with shared datasets in their own tenants</div><div>Use datasets across workspaces</div></div> |
| Resource: | <div><div>▼</div><div>The datasets</div><div>The tenant</div><div>The workspaces</div></div> |

Answer:

Answer Area

| | |
|-----------|--|
| Setting: | <div><div>▼</div><div>Allow DirectQuery connections to Power BI datasets</div><div>Allow specific users to turn on external data sharing</div><div>Guest users can work with shared datasets in their own tenants</div><div>Use datasets across workspaces</div></div> |
| Resource: | <div><div>▼</div><div>The datasets</div><div>The tenant</div><div>The workspaces</div></div> |

QUESTION 171

You have an Azure SQL database named DB1.

You have a Power BI tenant that contains 20 workspaces. Multiple workspaces contain datasets that use DB1 as a data source.

You need to identify how many datasets use DB1 as a data source across the tenant.

What should you use?

[DP-500 Exam Dumps](#) [DP-500 Exam Questions](#) [DP-500 PDF Dumps](#) [DP-500 VCE Dumps](#)

<https://www.braindump2go.com/dp-500.html>

- A. an XLMA endpoint
- B. the Power BI REST API
- C. Power BI data source files
- D. lineage view

Answer: D

QUESTION 172

You have a Power BI tenant.

You plan to publish 10 paginated reports that will be used by a team of business analysts.

You need to create a new workspace for the reports. The solution must minimize costs.

Which license mode should you select for the new workspace?

- A. Pro
- B. Premium per user
- C. Embedded
- D. Premium per capacity

Answer: A

QUESTION 173

You have a development workspace in the Power BI service.

You plan to use Tabular Editor to develop and deploy a new dataset, and then use Power BI Desktop to create and publish a report to the Power BI service.

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

NOTE: Each correct selection is worth one point.

- A. the Read Write XMLA endpoint in a capacity
- B. a Premium Per User workspace
- C. the Read Write XMLA endpoint in the tenant
- D. a .pbix file that has an imported dataset
- E. a .pbix file that has a live connection

Answer: ABD

QUESTION 174

You are creating a Power BI deployment pipeline that will be used to deploy a paginated report.

You need to ensure that the paginated report is updated to point to the correct dataset for each stage.

What should you configure in the deployment pipeline?

- A. a data source rule
- B. a dataflow
- C. a selective deployment
- D. a parameter rule

Answer: A