

# DP-600 Latest Test Labs & DP-600 Test Passing Score

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**Exam : DP-600**

**Title : Implementing Analytics Solutions Using Microsoft Fabric**

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The Microsoft DP-600 certification is on trending nowadays, and many Microsoft aspirants are trying to get it. Success in the DP-600 test helps you land well-paying jobs. Additionally, the DP-600 certification exam is also beneficial to get promotions in your current company. But the main problem that every applicant faces while preparing for the DP-600 Certification test is not finding updated Implementing Analytics Solutions Using Microsoft Fabric (DP-600) practice questions.

## Microsoft DP-600 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>• Prepare data: This section of the exam measures the skills of engineers and covers essential data preparation tasks. It includes establishing data connections and discovering sources through tools like the OneLake data hub and the real-time hub. Candidates must demonstrate knowledge of selecting the appropriate storage type—lakehouse, warehouse, or eventhouse—depending on the use case. It also includes implementing OneLake integrations with Eventhouse and semantic models. The transformation part involves creating views, stored procedures, and functions, as well as enriching, merging, denormalizing, and aggregating data. Engineers are also expected to handle data quality issues like duplicates, missing values, and nulls, along with converting data types and filtering. Furthermore, querying and analyzing data using tools like SQL, KQL, and the Visual Query Editor is tested in this domain.</li></ul>

Topic 2	<ul style="list-style-type: none"> <li>Implement and manage semantic models: This section of the exam measures the skills of architects and focuses on designing and optimizing semantic models to support enterprise-scale analytics. It evaluates understanding of storage modes and implementing star schemas and complex relationships, such as bridge tables and many-to-many joins. Architects must write DAX-based calculations using variables, iterators, and filtering techniques. The use of calculation groups, dynamic format strings, and field parameters is included. The section also includes configuring large semantic models and designing composite models. For optimization, candidates are expected to improve report visual and DAX performance, configure Direct Lake behaviors, and implement incremental refresh strategies effectively.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>Maintain a data analytics solution: This section of the exam measures the skills of administrators and covers tasks related to enforcing security and managing the Power BI environment. It involves setting up access controls at both workspace and item levels, ensuring appropriate permissions for users and groups. Row-level, column-level, object-level, and file-level access controls are also included, alongside the application of sensitivity labels to classify data securely. This section also tests the ability to endorse Power BI items for organizational use and oversee the complete development lifecycle of analytics assets by configuring version control, managing Power BI Desktop projects, setting up deployment pipelines, assessing downstream impacts from various data assets, and handling semantic model deployments using XMLA endpoint. Reusable asset management is also a part of this domain.</li> </ul>

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### Microsoft Implementing Analytics Solutions Using Microsoft Fabric Sample Questions (Q80-Q85):

#### NEW QUESTION # 80

Note: This section contains one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem. You must determine whether the solution meets the stated goals.

More than one solution in the set might solve the problem. It is also possible that none of the solutions in the set solve the problem. After you answer a question in this section, you will NOT be able to return. As a result, these questions do not appear on the Review Screen.

Your network contains an on-premises Active Directory Domain Services (AD DS) domain named contoso.com that syncs with a Microsoft Entra tenant by using Microsoft Entra Connect.

You have a Fabric tenant that contains a semantic model.

You enable dynamic row-level security (RLS) for the mode! and deploy the model to the Fabric service.

You query a measure that includes the username () function, and the query returns a blank result.

You need to ensure that the measure returns the user principal name (UPN) of a user.

Solution: You add user objects to the list of synced objects in Microsoft Entra Connect.

Does this meet the goal?

- A. Yes
- B. No

#### Answer: B

Explanation:

The issue: USERNAME() returns blank because Fabric uses Microsoft Entra (Azure AD) identities, not on-premises AD DS identities.

Adding user objects to sync via Entra Connect does not solve the issue by itself.

The correct fix is to ensure the UPN is synchronized and properly mapped (usually via Entra Connect attribute mappings).

What is needed is to ensure the userPrincipalName attribute is synced, not just "user objects." Correct answer: No. Reference: Dynamic RLS in Power BI with USERNAME()

### NEW QUESTION # 81

You have a Fabric tenant that contains a workspace named Workspace1 and a user named DBUser. Workspace1 contains a lakehouse named Lakehouse1. DBUser does NOT have access to the tenant. You grant DBUser access to Lakehouse1 as shown in the following exhibit.

**Grant people access**

MyLakehouse1

People you share this Lakehouse with can open it and its SQL endpoint and read the default dataset. To allow them to read directly in the Lakehouse, grant additional permissions.

DBUser

**Additional permissions**

Read all SQL endpoint data ⓘ

Read all Apache Spark ⓘ

Build reports on the default semantic model

**Notification Options**

Notify recipients by email

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

DBUser can read the data in Lakehouse1 by using the [Answer choice].

OneLake endpoint  
default semantic model  
OneLake endpoint  
Tabular Data Stream (TDS) endpoint

DBUser can query the data in Lakehouse1 by using [Answer choice].

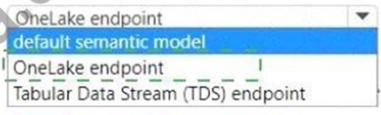
OneLake file explorer  
a KQL queryset  
Microsoft SQL Server Management Studio (SSMS)  
OneLake file explorer

### Answer:

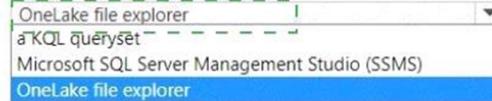
Explanation:

#### Answer Area

DBUser can read the data in Lakehouse1 by using the [Answer choice].



DBUser can query the data in Lakehouse1 by using [Answer choice].



**Microsoft**

#### Explanation:

#### Answer Area

DBUser can read the data in Lakehouse1 by using the [Answer choice]. OneLake endpoint



DBUser can query the data in Lakehouse1 by using [Answer choice]. OneLake file explorer



**Microsoft**

#### NEW QUESTION # 82

You have a Fabric tenant that contains a lakehouse named Lakehouse1.

You need to prevent new tables added to Lakehouse1 from being added automatically to the default semantic model of the lakehouse.

What should you configure? (5)

- A. the semantic model settings
- B. the SQL analytics endpoint settings
- C. the Lakehouse1 settings
- D. the workspace settings

#### Answer: A

#### Explanation:

To prevent new tables added to Lakehouse1 from being automatically added to the default semantic model, you should configure the semantic model settings. There should be an option within the settings of the semantic model to include or exclude new tables by default. By adjusting these settings, you can control the automatic inclusion of new tables.

References: The management of semantic models and their settings would be covered under the documentation for the semantic layer or modeling features of the Fabric tenant's lakehouse solution.

#### NEW QUESTION # 83

You have a Fabric workspace that uses the default Spark starter pool and runtime version 1.2.

You plan to read a CSV file named Sales.raw.csv in a lakehouse, select columns, and save the data as a Delta table to the managed area of the lakehouse. Sales\_raw.csv contains 12 columns.

You have the following code.

```
from pyspark.sql.functions import year
(spark
.read
.format("csv")
.option("header", 'true')
.load("Files/sales_raw.csv")
.select('SalesOrderNumber', 'OrderDate', 'CustomerName', 'UnitPrice')
.withColumn("Year", year("OrderDate"))
.write
.partitionBy("Year")
.saveAsTable("sales"))
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

**Answer Area****Statements**

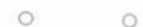
The Spark engine will read only the 'SalesOrderNumber', 'OrderDate', 'CustomerName', 'UnitPrice' columns from Sales\_raw.csv.



Removing the partition will reduce the execution time of the query.



Adding `inferSchema='true'` to the options will increase the execution time of the query.

**Answer:**

Explanation:

**Answer Area**

The Spark engine will read only the 'SalesOrderNumber', 'OrderDate', 'CustomerName', 'UnitPrice' columns from Sales\_raw.csv.



Removing the partition will reduce the execution time of the query.



Adding `inferSchema='true'` to the options will increase the execution time of the query.

**NEW QUESTION # 84**

You have a Fabric tenant that contains two workspaces named Workspace1 and Workspace2 and a user named User1.

You need to ensure that User1 can perform the following tasks:

Create a new domain.

Create two subdomains named subdomain1 and subdomain2.

Assign Workspace1 to subdomain1.

Assign Workspace2 to subdomain2.

The solution must follow the principle of least privilege.

Which role should you assign to User1?

- A. Domain contributor
- B. Domain admin
- C. Workspace Admin
- D. Fabric admin

**Answer: B**

Explanation:

User1 must be able to:

Create a new domain.

Create two subdomains.

Assign Workspace1 to subdomain1.

Assign Workspace2 to subdomain2.

Key Role Definitions in Fabric:

Domain admin: Can manage domain settings, add/remove workspaces, manage contributors.

Domain contributor: Can contribute to an existing domain but cannot create a domain.

Workspace admin: Only controls permissions/settings inside a workspace, not domains.

Fabric admin: Tenant-wide admin, broader than required.

Requirement: Follow least privilege.

To create a new domain # Requires Domain admin.

To assign workspaces to subdomains # Domain admin rights are sufficient.

Fabric admin is excessive and breaks least privilege.

**NEW QUESTION # 85**

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