



# DP-201<sup>Q&As</sup>

Designing an Azure Data Solution

**Pass Microsoft DP-201 Exam with 100% Guarantee**

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.geekcert.com/dp-201.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft  
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





### QUESTION 1

You are developing an application that uses Azure Data Lake Storage Gen 2.

You need to recommend a solution to grant permissions to a specific application for a limited time period. What should you include in the recommendation?

- A. Azure Active Directory (Azure AD) identities
- B. shared access signatures (SAS)
- C. account keys
- D. role assignments

Correct Answer: B

A shared access signature (SAS) is a URI that grants restricted access rights to Azure Storage resources. You can provide a shared access signature to clients who should not be trusted with your storage account key but to whom you wish to delegate access to certain storage account resources. By distributing a shared access signature URI to these clients, you can grant them access to a resource for a specified period of time, with a specified set of permissions.

References: <https://docs.microsoft.com/en-us/rest/api/storageservices/delegate-access-with-shared-access-signature>

---

### QUESTION 2

A company plans to use Apache Spark Analytics to analyze intrusion detection data

You need to recommend a solution to monitor network and system activities for malicious activities and policy violations. Reports must be produced in an electronic format and sent to management. The solution must minimize administrative efforts.

What should you recommend?

- A. Azure Data Factory
- B. Azure Data Lake
- C. Azure Databricks
- D. Azure HDInsight

Correct Answer: D

With Azure HDInsight you can set up Azure Monitor alerts that will trigger when the value of a metric or the results of a query meet certain conditions. You can condition on a query returning a record with a value that is greater than or less than a certain threshold, or even on the number of results returned by a query. For example, you could create an alert to send an email if a Spark job fails or if a Kafka disk usage becomes over 90 percent full.

References: <https://azure.microsoft.com/en-us/blog/monitoring-on-azure-hdinsight-part-4-workload-metrics-and-logs/>

---



### QUESTION 3

You are designing a data storage solution for a database that is expected to grow to 50 TB. The usage pattern is singleton inserts, singleton updates, and reporting. Which storage solution should you use?

- A. Azure SQL. Database elastic pools
- B. Azure SQL Data Warehouse
- C. Azure Cosmos DB that uses the Gremlin API
- D. Azure SQL Database Hyperscale

Correct Answer: D

A Hyperscale database is an Azure SQL database in the Hyperscale service tier that is backed by the Hyperscale scale-out storage technology. A Hyperscale database supports up to 100 TB of data and provides high throughput and performance, as well as rapid scaling to adapt to the workload requirements. Scaling is transparent to the application connectivity, query processing, etc. work like any other Azure SQL database.

Incorrect Answers:

A: SQL Database elastic pools are a simple, cost-effective solution for managing and scaling multiple databases that have varying and unpredictable usage demands. The databases in an elastic pool are on a single Azure SQL Database server and share a set number of resources at a set price. Elastic pools in Azure SQL Database enable SaaS developers to optimize the price performance for a group of databases within a prescribed budget while delivering performance elasticity for each database.

B: Rather than SQL Data Warehouse, consider other options for operational (OLTP) workloads that have large numbers of singleton selects.

References: <https://docs.microsoft.com/en-us/azure/sql-database/sql-database-service-tier-hyperscale-faq>

---

### QUESTION 4

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 streaming data that is received by Azure Event Hubs and stored in Azure Blob storage. The data contains social media posts that relate to a keyword of Contoso.

You need to count how many times the Contoso keyword and a keyword of Litware appear in the same post every 30 seconds. The data must be available to Microsoft Power BI in near real-time.

Solution: You use Azure Data Factory and an event trigger to detect when new blobs are created. You use mapping data flows in Azure Data Factory to aggregate and filter the data, and then send the data to an Azure SQL database. You

consume the data in Power BI by using DirectQuery mode.

Does the solution meet the goal?

- A. Yes
- B. No



Correct Answer: B

---

#### QUESTION 5

You need to design the solution for the government planning department. Which services should you include in the design?

- A. Azure SQL Data Warehouse and Elastic Queries
- B. Azure SQL Database and Polybase
- C. Azure SQL Data Warehouse and Polybase
- D. Azure SQL Database and Elastic Queries

Correct Answer: C

PolyBase is a new feature in SQL Server 2016. It is used to query relational and non-relational databases (NoSQL) such as CSV files.

Scenario: Traffic data must be made available to the Government Planning Department for the purpose of modeling changes to the highway system. The traffic data will be used in conjunction with other data such as information about events such as sporting events, weather conditions, and population statistics. External data used during the modeling is stored in on-premises SQL Server 2016 databases and CSV files stored in an Azure Data Lake Storage Gen2 storage account.

Reference: <https://www.sqlshack.com/sql-server-2016-polybase-tutorial/>

[Latest DP-201 Dumps](#)

[DP-201 Practice Test](#)

[DP-201 Braindumps](#)



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

## Try our product !

100% Guaranteed Success

100% Money Back Guarantee

365 Days Free Update

Instant Download After Purchase

24x7 Customer Support

Average 99.9% Success Rate

More than 800,000 Satisfied Customers Worldwide

Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

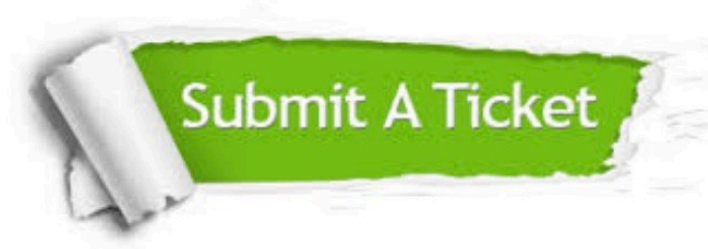
We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.geekcert.com/allproducts>

## Need Help

Please provide as much detail as possible so we can best assist you.

To update a previously submitted ticket:



 <p><b>One Year Free Update</b> Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p><b>Money Back Guarantee</b> To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p><b>Security &amp; Privacy</b> We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information &amp; peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.

All trademarks are the property of their respective owners.

Copyright © geekcert, All Rights Reserved.