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You plan to build an enterprise data warehouse in Azure to perform business data analysis. The requirement is to build an integrated environment that will support the development of end-to-end analytical solutions. **Which service should you use for this?**

- a) Azure Machine learning
- b) Azure Synapse Analytics
- c) Azure Database for PostgreSQL

- a) Azure Machine Learning is incorrect because it does not provide enterprise data warehouse services. Azure Machine Learning is a development platform for coding machine learning.
- b) Azure Synapse Analytics is a data analytics platform that combines data integration, enterprise data warehousing, and big data analytics. It is possible to build a data warehouse that can be used for BI and machine learning by integrating data collection, exploration, preparation, and management. It also significantly reduce the time it takes to develop your project with an integrated experience that supports the development of end-to-end analytics solutions.
- c) Azure Database for PostgreSQL is a relational database service based on the open-source Postgres database engine. It is not used to build a data warehouse.

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Define availability set?

- a) Group of instances of your application in an availability zone
- b) A logical grouping of VMs that allows Azure to understand how your application is built to provide for redundancy and availability.
- c) Set of resources

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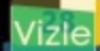


Your company plans to deploy several million sensors that will upload data to Azure. You need to identify which Azure resources must be created to support the planned solution. **Which two Azure resources should you identify?** Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- a) Azure Data Lake
- b) Azure Queue storage
- c) Azure File Storage
- d) Azure IoT Hub

- a) Data Lake can be used to store the data from devices and sensors.
- b) Queue is exclusively for messages, but here we're collecting data.
- c) Azure Files is a cloud storage service designed for sharing files, development or debugging tools, and applications that rely on native file systems.
- d) IoT Hub for the data processing.





Azure Reserved VM Instances are an example of OpEx.

True

False

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