**Module 1 questions part 2**

1. You have an on-premises network that contains several servers.

You plan to migrate all the servers to Azure.

You need to recommend a solution to ensure that some of the servers are available if a single Azure data center goes offline for an extended period.

What should you include in the recommendation?

A. fault tolerance

B. elasticity

C. scalability

D. low latency

1. What are two characteristics of the public cloud? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. dedicated hardware

B. unsecured connections

C. limited storage

D. metered pricing

E. self-service management

1. In which type of cloud model are all the hardware resources owned by a third-party and shared between multiple tenants?

* A. private
* B. hybrid
* C. public

1. You have 1,000 virtual machines hosted on the Hyper-V hosts in a data center.  
   You plan to migrate all the virtual machines to an Azure pay-as-you-go subscription.  
   You need to identify which expenditure model to use for the planned Azure solution.  
   Which expenditure model should you identify?

* A. operational
* B. elastic
* C. capital
* D. scalable

1. Match with correct options -

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1. Answer in yes or no --

Text

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1. Correct answer worth 1 point

Text, letter

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1. To which cloud models can you deploy physical servers?

* A. private cloud and hybrid cloud only
* B. private cloud only
* C. private cloud, hybrid cloud and public cloud
* D. hybrid cloud only

1. Your company hosts an accounting application named App1 that is used by all the customers of the company.

App1 has low usage during the first three weeks of each month and very high usage during the last week of each month.

Which benefit of Azure Cloud Services supports cost management for this type of usage pattern?

A. high availability

B. high latency

C. elasticity

D. load balancing

1. You have an on-premises network that contains 100 servers.

You need to recommend a solution that provides additional resources to your users. The solution must minimize capital and operational expenditure costs.

What should you include in the recommendation?

A. a complete migration to the public cloud

B. an additional data center

C. a private cloud

D. a hybrid cloud

1. NEXT QUESTION

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1. NEXT QUESTION

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1. Which of the following is not a scaling options –
2. Scale out
3. Scale in
4. Scale up
5. Scale right
6. System’s ability to scale dynamically is –
7. Fault tolerance
8. High Availability
9. Elasticity
10. None of these
11. The ability to recover lost data in the cloud is known as –
    1. Fault tolerance
    2. High Availability
    3. Elasticity
    4. Disaster Recovery

PART - 1

1.Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.

You are required make sure that the intended Azure solution uses the correct expenditure model.

Solution: You should recommend the use of the operational expenditure model.

Does the solution meet the goal?

a. Yes ✓

b. No

You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Software as a Service (SaaS).

Does the solution meet the goal?

A. Yes

B. No

**1.**True or false: You need to purchase an Azure account before you can use any Azure resources.



False



True

**2.**What is meant by cloud computing?



Delivery of computing services over the internet.



Setting up your own datacenter.



Using the internet

**3.**Which of the following is *not* a feature of Cloud computing?



Faster innovation



A limited pool of services



Speech recognition and other cognitive services

4. Which of the following choices isn't a cloud computing category?



Networking-as-a-Service (NaaS)



Platform-as-a-Service (PaaS)



Infrastructure-as-a-Service (IaaS)



Software-as-a-Service (SaaS)

5. Which of the following statements is true?



With Operating Expenses (OpEx), you are responsible for purchasing and maintaining your computing resources.



With Operating Expenses (OpEx), you are only responsible for the computing resources that you use.



With Capital Expenses (CapEx), you are only responsible for the computing resources that you use.

6. Which of the following options isn't a type of cloud computing?



Distributed cloud



Hybrid cloud



Private cloud



Public cloud

7. Which of the following choices isn't a benefit of using cloud services?



Scalability



Disaster recovery



High availability



Geographic isolation

8. Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.

You are required make sure that the intended Azure solution uses the correct expenditure model.

Solution: You should recommend the use of the operational expenditure model.

Does the solution meet the goal?

a. Yes

b. No

9. You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Software as a Service (SaaS).

Does the solution meet the goal?

A. Yes

B. No

10. Your company is having a workload with unpredictable traffic, where you should host your workload in order to leverage maximum cost benefits?

a. Private Cloud - Capex

b. Hybrid Cloud - opex

c. Public Cloud – opex

d. Public Cloud – consumption based model

d.