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Graded Quiz due Dec 4, 2023 05:36 IST Completed

Question 1

1.0/1.0 point (graded)

In which clou	d service i	model do	es the s	ervice p	provider	manage	the ap	plication	data	along	with	the
infrastructure	and platfo	orm resou	ırces?									

	practicititi recedit ecci.		
○ CaaS			
O PaaS			

\bigcirc . \bullet		
○ laaS		



Answer

SaaS

Correct:

In the SaaS model, in addition to the infrastructure and the platform resources, the provider also hosts and manages the applications and data.

Submit You have used 2 of 2 attempts

Question 2

1.0/1.0 point (graded)

In which laaS cloud environment can the customers deploy their middleware and install applications?

O Blockchain



○ AI



Answer

Correct:

The virtual machines (VMs) come pre-installed on the customer's choice of operating system. The customers can then deploy middleware, install applications, and run workloads on these VMs.

Submit You have used 1 of 2 attempts

Question 3

1.0/1.0 point (graded)

What is one of the concerns in cloud infrastructure configuration and management?

<u> </u>
O Dependency on a third party for workload availability and performance
Scaling infrastructure up and down as demand fluctuates

Business Continuity and disaster recovery	



Answer

Correct:

In laaS, there are some concerns regarding the lack of transparency in the cloud infrastructure's configuration and management and dependency on a third party for workload availability and performance.

Submit

You have used 1 of 2 attempts

Question 4

1.0/1.0 point (graded)

What is the responsibility of a user in the PaaS model?

Workload management

O Database management systems

Business process management systems



Application code and its maintenance



Answer

Correct:

In the PaaS model, while the provider takes responsibility for the application infrastructure, the user is responsible for the application code and its maintenance.

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You have used 1 of 2 attempts

Question 5

1.0/1.0 point (graded)

Which capability in the PaaS model eliminates the need for the integration of disparate components?

Rapid deployment mechanisms



APIs for services

Runtime environment

Business analytics services



Answer

Correct:

PaaS clouds provide services and APIs for distributed caching, queuing, messaging, file and data storage, workload management, user identity, and analytics, thus eliminating the need to integrate disparate components.

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You have used 1 of 2 attempts

Question 6

1.0/1.0 point (graded)

Which is a characteristic of the SaaS model?

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Question 9

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П.	.U/T	.O	point	(graded)

lf an organization needs to run a highly sensitive and mission-critical application with unpredictable
performance and capacity requirements, which of the following models would best meet its
requirements?

On-premise Data Centers	
O Public Cloud	
O Private Cloud	
Hybrid Cloud	



Answer

Correct:

With a Hybrid Cloud, organizations can choose to run their mission-critical applications on the private cloud while leveraging additional public cloud capacity to accommodate spikes in demand for their application.

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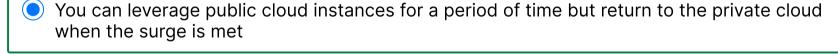
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Question 10

1.0/1.0 point (graded)

What do you mean by "cloud bursting"?

You can incrementally modernize your core business systems



O You can spin-up environments using pay-as-you-go in the public cloud

O You can move applications and data between on-premises and cloud systems



Answer

Correct:

With proper integration and orchestration between the public and private clouds, you can leverage both clouds for the same workload. You can leverage additional public cloud capacity to accommodate a spike in demand for a private cloud application.

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