

# Introduction to Cloud Computing

Total points 12/12 ?

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☐ TE 3

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46

Introduction to Cloud Computing

12 of 12 points



✓ Amazon Elastic Compute Cloud (EC2) is primarily considered which type of cloud computing model? \*1/1

- ☐ Software as a service (SaaS)
- ☐ Platform as a service (PaaS)
- ☒ Infrastructure as a service (IaaS)
- ☐ None of the above



✓ What is a public cloud? \* 1/1

- ☐ A cloud formation that can be seen across the globe
- ☐ A cloud service that can only be accessed from a publicly shared computer
- ☒ A multi-tenant cloud environment accessed over the internet
- ☐ A cloud environment owned, operated and controlled by a public company



✓ Which of the following statements could be used to describe a private cloud deployment? \*1/1

- ☐ A cloud environment maintained within an enterprise's own data center
- ☐ A private environment within a third-party or public cloud provider's architecture
- ☐ A cloud service inaccessible to anyone but the cultural elite
- ☒ Both #1 and #2



✓ What is a hybrid cloud? \*

1/1

- ☒ A blend of public and private cloud services with orchestration between them ✓
- ☐ A cloud service deployed across multiple offices or locations
- ☐ A blend of private cloud and legacy on-premises hardware
- ☐ None of the above

✓ Which of these options is not a PaaS offering? \*

1/1

- ☒ IBM App Mix ✓
- ☐ Azure App Service
- ☐ AWS Elastic Beanstalk
- ☐ Google App Engine

✓ Which of the following acronyms refers to a software distribution model in which a cloud provider manages and hosts an app that users access via the internet? \*1/1

- ☐ IaaS
- ☐ PaaS
- ☒ SaaS ✓
- ☐ None of the above



✓ Open source tools can be used to manage private and public clouds. \* 1/1

☒ True



☐ False

✓ What does it mean when a public cloud provider has an availability of five \*1/1  
nines?

☐ No downtime

☐ Unavailable for potentially five minutes a day

☐ Unavailable for potentially five minutes a month

☒ Unavailable for potentially five minutes a year



✓ Which of the following terms refers to a deployment model in which an \*1/1  
application runs in an enterprise's private cloud or data center but uses  
public cloud resources to support spikes in user demand?

☐ Cloud spiking

☒ Cloud bursting



☐ Cloud bubble

☐ Cloud blasting



✓ It is only possible to use a public cloud instance or VM on demand, rather than reserve one in advance. \*1/1

☐ True

☒ False



✓ In Horizontal Scale Out \*

2/2

☒ Workload is split across multiple computation units.



☒ Database Partitioning is needed.



☐ More resources are added to a single computation unit.

☐ All of the Above

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