Quiz 11: Cloud Computing

Due Nov 28 at 11:59pm   **Points** 10   **Questions** 10
Available Nov 24 at 5pm - Nov 28 at 11:59pm   **Time Limit** 15 Minutes

Instructions

This quiz is based on lecture 14 by Dr. Gascon Samson on cloud computing. Please watch the entire lecture before attempting the quiz.

This quiz was locked Nov 28 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	[Attempt 1](#)	15 minutes	10 out of 10

Score for this quiz: **10** out of 10
Submitted Nov 27 at 10:13pm
This attempt took 15 minutes.

Question 1   1 / 1 pts

Cloud computing is a considered a combination of which of the following ?

○ Utility and Edge computing

○ None of the others

Correct!   ◉ Utility and Grid computing

○ Edge and Grid computing

Question 2   1 / 1 pts

In clouds, multi-tenancy is typically used to achieve which of the following objectives ?

○ Rapid elasticity

○ On-demand self service

○ Broad network access

Correct!

◉ Resource pooling

Question 3   1 / 1 pts

In which of the following service models, does the user have full control over the (virtualized) hardware, the OS and the application ?

○ All of the others

Correct!

◉ Infrastructure as a Service

○ Platform as a Service

○ Software as a Service

Question 4   1 / 1 pts

When provisioning a virtual machine in the cloud, which of the following resources must be virtualized

○ Memory

○ Storage

○ Processor

Correct! ◉ All of the others

Question 5 | 1 / 1 pts

Web applications such as Heroku, Google App Engine etc. are examples of which of the following model of cloud computing ?

○ IaaS

○ None of the others

○ SaaS

Correct! ◉ PaaS

Question 6 | 1 / 1 pts

Clouds that are hosted for the exclusive use of a single organisation with multiple internal consumers are called

○ Public clouds

○ Hybrid clouds

Correct! ◉ Private clouds

○ Community clouds

Question 7 | 1 / 1 pts

Which of the following is NOT an advantage of virtualization in cloud computing ?

Correct!

- ⦿ Performance speedup and latency minimization

- ○ Consistent configuration and performance

- ○ Isolation for reliability

- ○ Abstracts away heterogeneity

Question 8
1 / 1 pts

In a topic-based publish-subscribe system, which of the following is true when a publisher sends a message,

Correct!

- ⦿ Only subscribers of that topic will receive the message

- ○ All subscribers of the publisher will receive the message

- ○ None of the others

- ○ Only subscribers that have signed up for the message will receive it

Question 9
1 / 1 pts

Cloud data storage systems often compromise on which of the following constraints in the CAP theorem ?

- ○ None of the others

○ Availability

○ Partition Tolerance

Correct!   ● Consistency

Question 10   1 / 1 pts

Edge computing offers many advantages over cloud computing.
Which of the following NOT an advantage of edge computing over
cloud computing ?

○ Reduced latency

Correct!   ● Elasticity

○ Lower cost

○ Security

Quiz Score: **10** out of 10