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> Cloud Computing - Quiz 1

**Status** Finished**Started** Tuesday, 5 March 2024, 8:28 AM**Completed** Tuesday, 5 March 2024, 8:52 AM**Duration** 23 mins 45 secs**Grade** 5.00 out of 5.00 (100%)**Question 1**

What Confidentiality risks are introduced by Cloud Computing?

Correct

Mark 0.50 out of
0.50

- ☐ a. Security is not provided by the host, hence no risk
- ☒ b. Some risks as files are stored on Cloud service providers infrastructure
- ☐ c. No Confidentiality risks
- ☐ d. All of the above



Your answer is correct.

The correct answer is:

Some risks as files are stored on Cloud service providers infrastructure

Question 2

Correct

Mark 0.50 out of 0.50

Point out the correct statement :

- a) A virtual machine is a computer that is walled off from the physical computer that the virtual machine is running on
- b) Virtual machines provide the capability of running multiple machine instances, each with their own operating system
- c) The downside of virtual machine technologies is that having resources indirectly addressed means there is some level of overhead

- ☐ a. Only C
- ☒ b. All of the Above ✓
- ☐ c. Only B
- ☐ d. Only A
- ☐ e. None of the Above

Your answer is correct.

The correct answer is:
All of the Above

Question 3

Correct

Mark 0.50 out of 0.50

Which Amazon Elastic Compute Cloud (Amazon EC2) feature ensures that your instances will not share a physical host with instances from any other AWS customer?

- ☐ a. Reserved Instances
- ☒ b. Dedicated Instances ✓
- ☐ c. Placement Groups
- ☐ d. All of the above

Your answer is correct.

The correct answer is:
Dedicated Instances

Question 4

Correct

Mark 0.50 out of 0.50

A cloud system can be created without Virtualization True or False?

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 5

Correct

Mark 0.50 out of 0.50

In _____, the virtual machine simulates hardware, so it can be independent of the underlying system hardware.

- ☒ a. Emulation ✓
- ☐ b. Full Virtualization
- ☐ c. Para Virtualization
- ☐ d. Hypervisor

Your answer is correct.

The correct answer is:
Emulation

Question 6

Correct

Mark 0.50 out of 0.50

Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as _____resources to users.

- ☒ a. None of the above ✓
- ☐ b. Physical
- ☐ c. Ethereal
- ☐ d. Eternal

Your answer is correct.

The correct answer is:
None of the above

Question 7

Correct

Mark 0.50 out of 0.50

A cloud which is setup behind a corporate firewall can be called

- ☒ a. Private ✓
- ☐ b. Community
- ☐ c. Public

Your answer is correct.

The correct answer is:
Private

Question 8

Correct

Mark 0.50 out of 0.50

The chief objective of a threat model is to

- ☐ a. All of the above
- ☐ b. Use Dark Webs to prevent attacks
- ☐ c. Make sure application is SOX complaint
- ☒ d. Formulate and tabularize probable threats and mitigate them ✓

Your answer is correct.

The correct answer is:

Formulate and tabularize probable threats and mitigate them

Question 9

Correct

Mark 0.50 out of 0.50

Identify the type of the VMM shown in the figure below

- ☒ a. Type I ✓
- ☐ b. Monolithic
- ☐ c. Micro Kernel
- ☐ d. Type II

Your answer is correct.

The correct answer is:

Type I

Question 10

Correct

Mark 0.50 out of 0.50

Identify the right statement

1. A client can request access to a cloud service from any location
2. A cloud has multiple application instances and directs requests to an instance based on conditions
3. Hypersync creates Guest VM's from pooled physical servers
4. Cloud is scalable only for the first n instances

- ☒ a. Only 1 & 2 ✓
- ☐ b. Only 1,2,4
- ☐ c. None of the above
- ☐ d. All of the above

Your answer is correct.

The correct answer is:

Only 1 & 2

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Contact for support : support@wilp.bits-pilani.ac.in

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