



Vendor: Cisco

Exam Code: 210-451

**Exam Name: Understanding Cisco Cloud Fundamentals
(CLDFND)**

QUESTION 1

Which option is one essential characteristic of Cloud computing?

- A. It must use virtualization.
- B. It must provide load balancing services.
- C. It must provide on-demand self service.
- D. It must run on open source software.

Correct Answer: C

QUESTION 2

Which characteristic is an inoperative attribute of a private Cloud deployment?

- A. self service and on demand
- B. shared by many companies

- C. highly scalable
- D. metered for reporting or billing purposes

Correct Answer: B

QUESTION 3

Which /etc/exports line will allow you to enable read-only access from the NFS client 192.168.1.100?

- A. /images 192.168.1.100 (ro,async)
- B. /images 192.168.1.100 (755,async)
- C. /images 192.168.1.1/24 (755,no_root_squash,async)
- D. /images 192.168.1.1/27 (ro,async)

Correct Answer: A

QUESTION 4

What is an invalid Cloud deployment model?

- A. distributed
- B. private
- C. community
- D. hybrid

Correct Answer: A

QUESTION 5

What type of node runs Virtual Machines in a virtualized infrastructure?

- A. Storage Node
- B. Management Node
- C. Compute Node
- D. Scheduling Node

Correct Answer: C

QUESTION 6

Which type of zoning is represented?

```
zone name zone1 vsan 10
member pwwn 20:00:00:55:a5:00:00:04
member pwwn 50:00:d3:10:00:18:e1:05
member pwwn 50:00:d3:10:00:18:e1:06
```

- A. Single Initiator Multi Target
- B. Multi Initiator Single Target
- C. Single Target Single Initiator
- D. Multi Initiator Multi Target

Correct Answer: A

QUESTION 7

Which protocol does Cisco Nexus 1000V use to provide flow redirection for vService interaction?

- A. OpFlex
- B. vPath
- C. FlexPath
- D. VLAN bridging

Correct Answer: B

QUESTION 8

Which of the following options represent devices that can utilize cloud resources? (Choose all that apply.)

- A. Personal computer
- B. Mobile phones
- C. Tablets
- D. Mainframe terminal
- E. Offline laptop

Correct Answer: ABC

QUESTION 9

Which two technologies support running Linux and Windows virtual machines? (Choose two.)

- A. KVM
- B. LXI
- C. Docker
- D. Microsoft Hyper-V

Correct Answer: AD

QUESTION 10

Which three options are the advantages of VXLAN? (Choose three.)

- A. Increase of VLAN address space
- B. Support multi-tenancy
- C. Connectivity across disparate virtual data centers
- D. Uses Spanning Tree Protocol for loop prevention
- E. Configure Portgroup Virtual port ID
- F. Configure Portgroup Load Based Teaming

Correct Answer: ABC

QUESTION 11

Which statement about the differences between vSwitch and DVS is true?

- A. vSwitch supports Spanning Tree Protocol.
- B. DVS supports Spanning Tree Protocol.
- C. vSwitch supports private VLAN.
- D. DVS supports private VLAN.

Correct Answer: D

QUESTION 12

Which best describes a SaaS Cloud model?

- A. infrastructure that presents the user with an operating system allowing programming language execution environment for testing database and web servers
- B. infrastructure that virtualizes server functions on a hypervisor
- C. infrastructure that provides elastic storage and computing resources
- D. a platform that provides access to application software or database resources

Correct Answer: D

QUESTION 13

What is "cloud bursting"?

- A. A cloud deployment exhausts its infrastructure resources.
- B. An organization can provision public cloud services to use during periods of stress of its internal IT resources.
- C. Two public cloud providers work in conjunction to load balance requests from a consumer.
- D. A private cloud can transform physical workloads into virtual workloads.

Correct Answer: B

QUESTION 14

Which of the following represent challenges of hybrid cloud implementations? (Choose all that apply.)

- A. Inconsistent cloud architectures
- B. Incompatible networking and security policies
- C. Lack of encryption standards
- D. Requirement for application reconfiguration when an application is migrated from one cloud to another
- E. Few service offerings

Correct Answer: ABD

QUESTION 15

Cisco APICs utilize sharding to provide what function for an ACI fabric?

- A. It provides scalability and reliability to the data sets generated and processed by the Distributed Policy Repository, the endpoint registry, the Observer, and the Topology Manager
- B. It provides replication of application network policies across the APICs in the cluster
- C. It provides a method for determining which APIC will act as the master in a fabric during the election process
- D. It provides horizontal scaling ability for policy management on APICs

Correct Answer: A

QUESTION 16

Which administrative task is most disruptive to a Cisco UCS B-Series cluster?