

# Comptia Cloud+ Certification Exam

1. To enhance availability, a company has expanded its public cloud presence to multiple regions from a single CSP. The company wants to ensure resources in the public cloud are highly available to users at company headquarters.

- A. Dual VPN connections over a single ISP from headquarters to one cloud region.
- B. Dual direct peering/connections from headquarters to one cloud region.
- C. Dual VPN connections over two separate ISPs from headquarters to both cloud regions.
- D. Dual direct peering/connections over a single ISP from headquarters to both cloud regions

**Answer(s): B**

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2. A public cloud provider recently updated one of its services to provide a new type of application load balancer. The cloud administrator is tasked with building out a proof-of-concept using this new service type. The administrator sets out to update the scripts and notices the cloud provider does not list the load balancer as an available option type for deploying this service. Which of the following is the MOST likely reason?

- A. The administrator needs to write a new script function to call this service.
- B. The administrator can deploy the new load balancer via the cloud provider's web console.
- C. The administrator needs to update the version of the CLI tool.
- D. The administrator is not using the correct cloud provider account.

**Answer(s): C**

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3. A cloud administrator is required to implement an MFA solution using soft tokens.

A. System-generated call

B. RSA token

C. RFID

D. SMS

E. Biometrics

**Answer(s):** A,B

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4. An entertainment company with a very large movie library is moving all of its production systems to an IaaS cloud. The current lease is expiring in the next month, and the company made a last-minute decision not to renew the lease.

A. Perform an offline storage migration.

B. Perform an online storage migration.

C. Perform an offline VM migration.

D. Perform an online VM migration.

**Answer(s):** B

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5. After monthly patching, a large number of users who are logged onto the network report that application links from a company's intranet site, which previously opened directly into the website, are now prompting for logon information. Application administrators confirm that the websites in Question: 01 are working properly. Which of the following is the MOST likely cause of the new behavior?

A. Certificate expiration

B. Password expiration

C. SSO issues

D. Account lockout

**Answer(s): C**

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6. A courier company has virtualized its packing software application. The CSA needs to confirm the deployment is utilizing the correct amount of CPU per virtual instance. After confirming the deployment requirements, the CSA should log into the cloud services portal to ensure that:

A. the deployment is utilizing the recommended amount of CPUs per VM.

B. the alarms on CPU utilization have been enabled.

C. smaller VMs are being selected to reduce the total deployment cost.

D. the VMs with the most CPU cores available have been selected.

**Answer(s): A**

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7. A company wants to set up a new department using private cloud resources. The new department needs access to sales and financial data, but it should be prohibited from accessing human resources data. Which of the following is the BEST option to configure on the virtual (software-defined) network to meet these requirements?

A. VPN

B. GRE

C. VSAN

D. VLAN

**Answer(s): D**

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8. A cloud administrator works for an online gaming company that is hosting its multiplayer servers in a public IaaS cloud. The following metrics are reported during a controlled beta test:

A. Deploy multiplayer servers in public cloud locations closer to the user base.

B. Increase the RAM on the multiplayer servers.

C. Scale the deployment of multiplayer servers by doubling the number of VMs.

D. Increase network bandwidth on the multiplayer servers.

**Answer(s): D**

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**9.** Company A just acquired Company B and needs to migrate critical applications to Company A's private cloud infrastructure. Company B's applications are running on legacy servers and cannot be removed from the current datacenter where they reside. Which of the following migration strategies should the cloud administrator use?

A. V2P

B. V2V

C. P2V

D. P2P

**Answer(s): A**

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**10.** Company A recently acquired Company B.

A. create a new account in each system for Company B's employees and distribute the credentials

B. add new accounts in Company A's account management system, mirroring those in Company B's

C. create a shared account named "Company B" and distribute the credentials to those who need access

D. add Company B's user account management system to the federated identity system

**Answer(s): D**

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**11.** In an IaaS platform, which of the following actions would a systems administrator take FIRST to identify the scope of an incident?

A. Conduct a memory acquisition.

B. Snapshot all volumes attached to an instance.

C. Retrieve data from a backup.

D. Perform a traffic capture.

**Answer(s): D**

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**12.** A cloud administrator needs to implement a mechanism to monitor the expense of the company's cloud resources.

A. Ask the cloud provider to send a daily expense report

B. Set custom notifications for exceeding budget thresholds

C. Use the API to collect expense information from cloud resources

D. Implement a financial tool to monitor cloud resource expenses

**Answer(s): B**

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**13.** A systems administrator is troubleshooting issues with network slowness. Traffic analysis shows that uplink bandwidth on the core switch is often sustained at 125Mbps due to a combination of production traffic from other sources. Which of the following would BEST resolve the issue?

A. Turn off the servers that use the most bandwidth.

B. Enable QoS to prioritize production traffic.

C. Increase the buffer size on the core switch.

D. Reboot the core switch.

**Answer(s): B**

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**14.** A resource pool in a cloud tenant has 90 GB of memory and 120 cores. The cloud administrator needs to maintain a 30% buffer for resources for optimal performance of the hypervisor. Which of the following would allow for the maximum number of two-core machines with equal memory?

A. 30 VMs, 3GB of memory

B. 40 VMs, 1,5GB of memory

C. 45 VMs, 2 GB of memory

D. 60 VMs, 1 GB of memory

**Answer(s): C**

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**15.** A systems administrator for an e-commerce company will be migrating the company's main website to a cloud provider. The principal requirement is that the website must be highly available.

A. Vertical scaling

B. A server cluster

C. Redundant switches

D. A next-generation firewall

**Answer(s): B**

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**16.** Which of the following tests would be MOST appropriate when over allocate storage on

A. Latency testing

B. Penetration testing

C. Bandwidth determination

D. Vulnerability scan

**Answer(s): A**

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**17.** Which of the following would MOST likely require a cold migration?

A. Moving VMs between hosts with different RAM configurations

B. Moving VMs between hosts with different CPU architectures

C. Moving VMs between hosts on different continents

D. Moving VMs between hosts in different network segments

**Answer(s): B**

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**18.** Which of the following is a best practice used in relation to MTBF?

A. Determine backup schedule based on uptime requirements

B. Reactively replace components after failure

C. Proactively replace components before they fail

D. Determine downtime to perform a system recovery

**Answer(s): C**

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**19.** An administrator has installed a new NAS and is now attempting to optimize the servers for best performance when communicating with the NAS. Modifying which of the following would MOST likely enhance throughput?

A. N\_Port settings

B. Page file

C. Jumbo frames

D. Multipath I/O

**Answer(s): C**

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**20.** A hypervisor host that has two fibre-channel ports needs to be connected to a storage array that has four fibre-channel ports. How many zones should be created for maximum redundancy?

A. 1

B. 8

C. 2

D. 4

**Answer(s): C**

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