

Exam Questions CV0-003

CompTIA Cloud+ Certification Exam

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NEW QUESTION 1

In an existing IaaS instance, it is required to deploy a single application that has different versions. Which of the following should be recommended to meet this requirement?

- A. Deploy using containers
- B. Install a Type 2 hypervisor
- C. Enable SR-IOV on the host
- D. Create snapshots

Answer: A

NEW QUESTION 2

A company recently experienced a power outage that lasted 30 minutes. During this time, a whole rack of servers was inaccessible, even though the servers did not lose power.

Which of the following should be investigated FIRST?

- A. Server power
- B. Rack power
- C. Switch power
- D. SAN power

Answer: C

NEW QUESTION 3

A systems administrator needs to convert ten physical servers to virtual.

Which of the following would be the MOST efficient conversion method for the administrator to use?

- A. Rebuild the servers from scratch
- B. Use the vendor's conversion tool
- C. Clone the hard drive
- D. Restore from backup

Answer: C

NEW QUESTION 4

Due to a policy change, a few of a customer's application VMs have been migrated to synchronously replicated storage. The customer now reports that performance is lower. The systems administrator checks the resource usage and discovers CPU utilization is at 60% and available memory is at 30%.

Which of the following is the MOST likely cause?

- A. There is not enough vCPU assigned
- B. The application is not compatible with the new settings
- C. The new configuration is adding latency
- D. The memory of the VM is underallocated

Answer: B

NEW QUESTION 5

Lateral-moving malware has infected the server infrastructure.

Which of the following network changes would MOST effectively prevent lateral movement in the future?

- A. Implement DNSSEC in all DNS servers
- B. Segment the physical network using a VLAN
- C. Implement microsegmentation on the network
- D. Implement 802.1X in the network infrastructure

Answer: B

NEW QUESTION 6

An SQL injection vulnerability was reported on a web application, and the cloud platform team needs to mitigate the vulnerability while it is corrected by the development team.

Which of the following controls will BEST mitigate the risk of exploitation?

- A. DLP
- B. HIDS
- C. NAC
- D. WAF

Answer: B

NEW QUESTION 7

A vendor is installing a new retail store management application for a customer. The application license ensures software costs are low when the application is not being used, but costs go up when use is higher.

Which of the following licensing models is MOST likely being used?

- A. Socket-based

- B. Core-based
- C. Subscription
- D. Volume-based

Answer: D

NEW QUESTION 8

A company has decided to get multiple compliance and security certifications for its public cloud environment. However, the company has few staff members to handle the extra workload, and it has limited knowledge of the current infrastructure. Which of the following will help the company meet the compliance requirements as quickly as possible?

- A. DLP
- B. CASB
- C. FIM
- D. NAC

Answer: D

NEW QUESTION 9

A systems administrator needs to configure monitoring for a private cloud environment. The administrator has decided to use SNMP for this task. Which of the following ports should the administrator open on the monitoring server's firewall?

- A. 53
- B. 123
- C. 139
- D. 161

Answer: D

NEW QUESTION 10

An organization has multiple VLANs configured to segregate the network traffic. Following is the breakdown of the network segmentation:

- > Production traffic (10.10.0.0/24)
- > Network backup (10.20.0.0/25)
- > Virtual IP network (10.20.0.128/25)

The following configuration exists on the server:

Server name	Interface	IP address	Gateway
COMPSRV01	Production	10.10.0.12/24	10.10.0.1
COMPSRV01	Network backup	10.20.0.12/25	10.10.0.1

The backup administrator observes that the weekly backup is failing for this server. Which of the following commands should the administrator run to identify the issue?

- A. ROUTE PRINT
- B. NETSTAT -A
- C. IPCONFIG /ALL
- D. NET SM

Answer: A

NEW QUESTION 10

A company has deployed a new cloud solution and is required to meet security compliance. Which of the following will MOST likely be executed in the cloud solution to meet security requirements?

- A. Performance testing
- B. Regression testing
- C. Vulnerability testing
- D. Usability testing

Answer: C

NEW QUESTION 15

An organization is hosting a DNS domain with private and public IP ranges. Which of the following should be implemented to achieve ease of management?

- A. Network peering
- B. A CDN solution
- C. A SDN solution
- D. An IPAM solution

Answer: D

NEW QUESTION 17

A cloud provider wants to make sure consumers are utilizing its IaaS platform but prevent them from installing a hypervisor on the server. Which of the following will help the cloud provider secure the environment and limit consumers' activity?

- A. Patch management
- B. Hardening
- C. Scaling
- D. Log and event monitoring

Answer: D

NEW QUESTION 18

An IaaS application has a two-hour RTO and a four-hour RPO. The application takes one hour to back up its data or restore from a local backup file. A systems administrator is tasked with configuring the backup policy.

Which of the following should the administrator configure to achieve the application requirements with the LEAST cost?

- A. Back up to long-term storage every night
- B. Back up to object storage every three hours
- C. Back up to long-term storage every four hours
- D. Back up to object storage every hour

Answer: D

NEW QUESTION 23

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: D

NEW QUESTION 24

A systems administrator wants to have near-real-time information on the volume of data being exchanged between an application server and its clients on the Internet.

Which of the following should the systems administrator implement to achieve this objective?

- A. A stateful firewall
- B. DLP
- C. DNSSEC
- D. Network flows

Answer: D

NEW QUESTION 26

A systems administrator disabled TLS 1.0 and 1.1, as well as RC4, 3DES, and AES-128 ciphers for TLS 1.2, on a web server. A client now reports being unable to access the web server, but the administrator verifies that the server is online, the web service is running, and other users can reach the server as well.

Which of the following should the administrator recommend the user do FIRST?

- A. Disable antivirus/anti-malware software
- B. Turn off the software firewall
- C. Establish a VPN tunnel between the computer and the web server
- D. Update the web browser to the latest version

Answer: D

NEW QUESTION 31

A systems administrator is trying to establish an RDP session from a desktop to a server in the cloud. However, the connection appears to be refused even though the VM is responding to ICMP echo requests. Which of the following should the administrator check FIRST?

- A. The firewall
- B. The subnet
- C. The gateway
- D. The services

Answer: D

NEW QUESTION 32

An organization purchased new servers with GPUs for render farms. The servers have limited CPU resources. Which of the following GPU configurations will be the MOST optimal for virtualizing this environment?

- A. Dedicated
- B. Shared
- C. Passthrough
- D. vGPU

Answer: D

NEW QUESTION 35

Which of the following would be the BEST option for discussion of what individuals should do in an incident response or disaster recovery scenario?

- A. A business continuity plan
- B. Incident response/disaster recovery documentation
- C. A tabletop exercise
- D. A root cause analysis

Answer: A

NEW QUESTION 37

A company wants to implement business continuity, and the cloud solution architect needs to design the correct solution. Which of the following will provide the data to measure business continuity? (Choose two.)

- A. A service-level agreement
- B. Automation scripts
- C. Playbooks
- D. A network diagram
- E. A backup and restore
- F. A recovery time objective

Answer: AF

NEW QUESTION 41

A cloud administrator is reviewing a new application implementation document. The administrator needs to make sure all the known bugs and fixes are applied, and unwanted ports and services are disabled.

Which of the following techniques would BEST help the administrator assess these business requirements?

- A. Performance testing
- B. Usability testing
- C. Vulnerability testing
- D. Regression testing

Answer: C

NEW QUESTION 43

A company is planning to migrate applications to a public cloud, and the Chief Information Officer (CIO) would like to know the cost per business unit for the applications in the cloud. Before the migration, which of the following should the administrator implement FIRST to assist with reporting the cost for each business unit?

- A. An SLA report
- B. Tagging
- C. Quotas
- D. Showback

Answer: D

NEW QUESTION 47

Which of the following service models would be used for a database in the cloud?

- A. PaaS
- B. IaaS
- C. CaaS
- D. SaaS

Answer: D

NEW QUESTION 50

A cloud administrator recently noticed that a number of files stored at a SaaS provider's file-sharing service were deleted. As part of the root cause analysis, the administrator noticed the parent folder permissions were modified last week. The administrator then used a test user account and determined the permissions on the files allowed everyone to have write access.

Which of the following is the best step for the administrator to take NEXT?

- A. Identify the changes to the file-sharing service and document
- B. Acquire a third-party DLP solution to implement and manage access
- C. Test the current access permissions to the file-sharing service
- D. Define and configure the proper permissions for the file-sharing service

Answer: D

NEW QUESTION 55

An organization has two businesses that are developing different software products. They are using a single cloud provider with multiple IaaS instances. The organization identifies that the tracking of costs for each business are inaccurate.

Which of the following is the BEST method for resolving this issue?

- A. Perform segregation of the VLAN and capture egress and ingress values of each network interface
- B. Tag each server with a dedicated cost and sum them based on the businesses

- C. Split the total monthly invoice equally between the businesses
- D. Create a dedicated subscription for the businesses to manage the costs

Answer: B

NEW QUESTION 59

A cloud administrator recently deployed an update to the network drivers of several servers. Following the update, one of the servers no longer responds to remote login requests. The cloud administrator investigates the issue and gathers the following information:

- The cloud management console shows the VM is running and the CPU and memory utilization is at or near 0%.
- The cloud management console does not show an IP address for that server.
- A DNS lookup shows the hostname resolves to an IP address.
- The server is a member of the same security group as the others.
- The cloud administrator is able to log in remotely to the other servers without issue.

Which of the following is the MOST likely cause of the server being unavailable?

- A. The network driver updates did not apply successfully, and the interface is in a down state.
- B. The ACL policy for the server was updated as part of the server reboot, preventing login access.
- C. The server was assigned a new IP address, and DNS entry for the server name was not updated.
- D. The update caused an increase in the output to the logs, and the server is too busy to respond.

Answer: A

NEW QUESTION 62

A systems administrator wants the VMs on the hypervisor to share CPU resources on the same core when feasible. Which of the following will BEST achieve this goal?

- A. Configure CPU passthrough
- B. Oversubscribe CPU resources
- C. Switch from a Type 1 to a Type 2 hypervisor
- D. Increase instructions per cycle
- E. Enable simultaneous multithreading

Answer: B

NEW QUESTION 64

A company is utilizing a private cloud solution that is hosted within its datacenter. The company wants to launch a new business application, which requires the resources below:

Maximum concurrent sessions	Number of nodes required	Required per-node vCPU	Required per-node RAM
1,000	2	4	32
5,000	4	6	64
10,000	6	8	64
25,000	8	8	128

The current private cloud has 30 vCPUs and 512GB RAM available. The company is looking for a quick solution to launch this application, with expected maximum sessions to be close to 24,000 at launch and an average of approximately 5,000 sessions.

Which of the following solutions would help the company accommodate the new workload in the SHORTEST amount of time and with the maximum financial benefits?

- A. Configure auto-scaling within the private cloud
- B. Set up cloud bursting for the additional resources
- C. Migrate all workloads to a public cloud provider
- D. Add more capacity to the private cloud

Answer: D

NEW QUESTION 66

A systems administrator is trying to reduce storage consumption. Which of the following file types would benefit the MOST from compression?

- A. System files
- B. User backups
- C. Relational database
- D. Mail database

Answer: B

NEW QUESTION 70

After analyzing a web server's logs, a systems administrator sees that users are connecting to the company's application through HTTP instead of HTTPS. The administrator then configures a redirect from HTTP to HTTPS on the web server, and the application responds with a connection time-out message.

Which of the following should the administrator verify NEXT?

- A. The TLS certificate
- B. The firewall rules
- C. The concurrent connection limit
- D. The folder permissions

Answer: A

NEW QUESTION 71

Which of the following is relevant to capacity planning in a SaaS environment?

- A. Licensing
- B. A hypervisor
- C. Clustering
- D. Scalability

Answer: D

NEW QUESTION 74

A company needs a solution to find content in images. Which of the following technologies, when used in conjunction with cloud services, would facilitate the BEST solution?

- A. Internet of Things
- B. Digital transformation
- C. Artificial intelligence
- D. DNS over TLS

Answer: C

NEW QUESTION 76

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