

➤ **Vendor: CompTIA**

➤ **Exam Code: CV0-003**

➤ **Exam Name: CompTIA Cloud+ Certification Exam**

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QUESTION 21

A cloud administrator is building a new VM for a network security appliance. The security appliance installer says the CPU clock speed does not meet the requirements. Which of the following will MOST likely solve the issue?

- A. Move the VM to a host with a faster CPU
- B. Add more vCPUs to the VM
- C. Enable CPU masking on the VM
- D. Enable hyperthreading on the virtual host

Answer: D

QUESTION 22

An organization will be deploying a web application in a public cloud with two web servers, two database servers, and a load balancer that is accessible over a single public IP. Taking into account the gateway for this subnet and the potential to add two more web servers, which of the following will meet the minimum IP requirement?

- A. 192.168.1.0/26
- B. 192.168.1.0/27
- C. 192.168.1.0/28
- D. 192.168.1.0/29

Answer: B

QUESTION 23

A cloud administrator checked out the deployment scripts used to deploy the sandbox environment to a public cloud provider. The administrator modified the script to add an application load balancer in front of the web-based front-end application. The administrator next used the script to recreate a new sandbox environment successfully, and the application was then using the new load balancer.

The following week, a new update was required to add more front-end servers to the sandbox environment. A second administrator made the necessary changes and checked out the deployment scripts. The second administrator then ran the script, but the application load balancer was missing from the new deployment. Which of the following is the MOST likely reason for this issue?

- A. The license limit on the number of server deployments allowed per month was exceeded
- B. The deployment script changes made by the first administrator were not checked in and committed
- C. The new server images were incompatible with the application load-balancer configuration
- D. The application load balancer exceeded the maximum number of servers it could use

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Answer: B

QUESTION 24

A systems administrator is using VMs to deploy a new solution that contains a number of application VMs. Which of the following would provide high availability to the application environment in case of hypervisor failure?

- A. Anti-affinity rules
- B. Cold migration
- C. Live migration
- D. Affinity rules

Answer: A

Explanation:

<https://www.vmware.com/products/vsphere/high-availability.html>

QUESTION 25

A company just successfully completed a DR test and is ready to shut down its DR site and resume normal operations. Which of the following actions should the cloud administrator take FIRST?

- A. Initiate a failover
- B. Restore backups
- C. Configure the network
- D. Perform a failback

Answer: A

QUESTION 26

A cloud administrator has built a new private cloud environment and needs to monitor all computer, storage, and network components of the environment.

Which of the following protocols would be MOST useful for this task?

- A. SMTP
- B. SCP
- C. SNMP
- D. SFTP

Answer: C

QUESTION 27

Company A has acquired Company B and is in the process of integrating their cloud resources. Company B needs access to Company A's cloud resources while retaining its IAM solution.

Which of the following should be implemented?

- A. Multifactor authentication
- B. Single sign-on
- C. Identity federation
- D. Directory service

Answer: C

Explanation:

<https://medium.com/@dinika.15/identity-federation-a-brief-introduction-f2f823f8795a>

QUESTION 28

After accidentally uploading a password for an IAM user in plain text, which of the following should a cloud

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administrator do FIRST?

- A. Identify the resources that are accessible to the affected IAM user
- B. Remove the published plain-text password
- C. Notify users that a data breach has occurred
- D. Change the affected IAM user's password
- E. Delete the affected IAM user

Answer: B

QUESTION 29

A cloud administrator is planning to migrate a globally accessed application to the cloud. Which of the following should the cloud administrator implement to BEST reduce latency for all users?

- A. Regions
- B. Auto-scaling
- C. Clustering
- D. Cloud bursting

Answer: B

QUESTION 30

A systems administrator is troubleshooting performance issues with a Windows VDI environment. Users have reported that VDI performance has been slow since the images were upgraded from Windows 7 to Windows 10. This VDI environment is used to run simple tasks, such as Microsoft Office. The administrator investigates the virtual machines and finds the following settings:

- 4 vCPU
- 16GB RAM
- 10Gb networking
- 256MB frame buffer

Which of the following MOST likely needs to be upgraded?

- A. vRAM
- B. vCPU
- C. vGPU
- D. vNIC

Answer: C

QUESTION 31

A SAN that holds VM files is running out of storage space. Which of the following will BEST increase the amount of effective storage on the SAN?

- A. Enable encryption
- B. Increase IOPS
- C. Convert the SAN from RAID 50 to RAID 60
- D. Configure deduplication

Answer: D

QUESTION 32

A storage array that is used exclusively for datastores is being decommissioned, and a new array has been installed. Now the private cloud administrator needs to migrate the data. Which of the following migration methods would be the BEST to use?

- A. Conduct a V2V migration
- B. Perform a storage live migration
- C. Rsync the data between arrays
- D. Use a storage vendor migration appliance

Answer: D

QUESTION 33

A company developed a product using a cloud provider's PaaS platform and many of the platform-based components within the application environment.

Which of the following would the company MOST likely be concerned about when utilizing a multicloud strategy or migrating to another cloud provider?

- A. Licensing
- B. Authentication providers
- C. Service-level agreement
- D. Vendor lock-in

Answer: C

QUESTION 34

An IaaS provider has numerous devices and services that are commissioned and decommissioned automatically on an ongoing basis. The cloud administrator needs to implement a solution that will help reduce administrative overhead. Which of the following will accomplish this task?

- A. IPAM
- B. NAC
- C. NTP
- D. DNS

Answer: A

Explanation:

<https://www.infoblox.com/glossary/ipam-ip-address-management/>

QUESTION 35

A systems administrator needs to configure an email client to ensure data integrity of the email messages. Which of the following provides the BEST mechanism to achieve this goal?

- A. Cyclic redundancy check
- B. SHA-1 hashes
- C. SHA-256 hashes
- D. Digital signature

Answer: A

Explanation:

<https://www.fsl.cs.sunysb.edu/docs/integrity-storage05/integrity.html>

QUESTION 36

A systems administrator is troubleshooting network throughput issues following a deployment. The network is currently being overwhelmed by the amount of traffic between the database and the web servers in the environment. Which of the following should the administrator do to resolve this issue?

- A. Set up affinity rules to keep web and database servers on the same hypervisor
- B. Enable jumbo frames on the gateway
- C. Move the web and database servers onto the same VXLAN

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D. Move the servers onto thick-provisioned storage

Answer: B

QUESTION 37

Which of the following strategies will mitigate the risk of a zero-day vulnerability MOST efficiently?

- A. Using only open-source technologies
- B. Keeping all resources up to date
- C. Creating a standby environment with a different cloud provider
- D. Having a detailed incident response plan

Answer: D