



CV0-001 Q&As **CompTIA Cloud+ Certification Exam**





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Vendor: CompTIA

Exam Code: CV0-001

Exam Name: CompTIA Cloud+ Certification Exam

Q&As: Demo

QUESTION 1

Which of the following storage technologies can leverage switches in its implementation?

- A. HBA
- B. DAS
- C. SCSI
- D. SAN

Correct Answer: D

QUESTION 2

Which of the following RAID configuration would be used to accomplish disk mirroring with two disks?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 10

Correct Answer: B

QUESTION 3

Which of the following only uses Fibre Channel to implement a storage infrastructure?

- A. NFS
- B. SAN
- C. NAS
- D. SMB

Correct Answer: B

QUESTION 4

Which of the following solutions primarily relies on private cloud resources but may use public cloud resources based on capacity requirements?

- A. Rapid deployment
- B. Cloud bursting
- C. Multi-tenancy
- D. Pay-as-you-grow

Correct Answer: B

QUESTION 5

An employee is asked to run an instance of a Linux OS while booted up in a Windows OS. Which of the following types of virtualization would be used to meet this requirement?

- A. Type I
- B. Type II
- C. Bare Metal
- D. Native

Correct Answer: B

QUESTION 6

A small startup wins a contest giving them advertising time during a major sporting event. Which of the following cloud characteristics should be in place to handle the possible spike in demand?

- A. Shared disk space
- B. Elasticity
- C. Scalability
- D. Shared memory

Correct Answer: B

QUESTION 7

Which of the following components should be virtualized and added to cloud infrastructure to ensure virtual servers are only able to access the volumes assigned to them?

- A. NAS
- B. DAS
- C. LUN
- D. HBA

Correct Answer: D

QUESTION 8

Which of the following can be used to protect data integrity when information is being written to a SAN from multiple clients?

- A. Port Zoning
- B. SAN Zoning
- C. LUN Masking
- D. Multipathing

Correct Answer: C

QUESTION 9

Several servers are connected to a SAN using three storage devices and FCoE for transmissions. These servers only need to access one SAN device. All servers, the SAN, and the HBA are virtualized. Which of the following should be used to ensure access is controlled appropriately between devices? (Select TWO).

- A. LUN Masking
- B. Hard Zoning
- C. Supernetting
- D. Soft Zoning
- E. Subnetting

Correct Answer: AD

QUESTION 10

An administrator is called in to determine why a virtual desktop has been unable to connect to the corporate network. Which of the following should be run to determine if the adapter is enabled? (Select TWO).

- A. ipconfig
- B. netstat
- C. ping
- D. ifconfig
- E. iwconfig

Correct Answer: AD

QUESTION 11

Which of the following should be installed on VMs to report and take action against potential threats?

- A. NIDS
- B. HIPS
- C. NIPS
- D. HIDS

Correct Answer: B

QUESTION 12

Which of the following will explain why only some of the CPU cycles are available to a virtualized server using two virtualized processors?

- A. Extra processing is needed to store encryption keys used for secure transmission between the server and the network.
- B. Additional processing is used to run ports and services not turned off through the process of server hardening.
- C. Some processing is required for operational overhead on the processor and between the physical and virtualized processors.
- D. Significant processing is used to create and maintain the cache on multi-core processors.

Correct Answer: C

QUESTION 13

Which of the following would be used to prove the existence of vulnerabilities on a network?

- A. Penetration testing
- B. Vulnerability assessment
- C. Business impact analysis
- D. Risk assessment

Correct Answer: A

QUESTION 14

Which of the following is MOST likely to be retrieved from an individually addressable blob?

- A. An object ID
- B. A hash
- C. A sequence number
- D. An image

Correct Answer: D

QUESTION 15

Which of the following is true about a Type II hypervisor?

- A. It requires a primary hypervisor to function properly.
- B. It implements stronger security controls than a Type I supervisor at the same patch level.
- C. It provides slower performance than a Type I hypervisor installed on the same hardware.
- D. It provides direct hardware access through the use of specialized drivers.

Correct Answer: C

QUESTION 16

A technician wants to configure a server for storage redundancy so that if any two of the four drives fail, the server is still operational. Which of the following should the technician configure?

- A. RAID 0
- B. RAID 1

- C. RAID 5
- D. RAID 6

Correct Answer: D

QUESTION 17

A technician wants to isolate storage from other network traffic. Which of the following **MUST** the technician implement to ensure storage traffic is securely segregated?

- A. VLAN
- B. VMFS
- C. PAT
- D. NTFS

Correct Answer: A

QUESTION 18

Although the SAN appears to be running without any problems, the technician is unable to reach the SAN's web enabled management interface. Which of the following tools can the technician use to **QUICKLY** find where the communication failure occurred?

- A. arp
- B. traceroute
- C. ping
- D. ipconfig

Correct Answer: B

QUESTION 19

Network statistics show that the 1Gbps switch port used for storage traffic is fully saturated. Which of the following switch technologies can be used to provide twice the bandwidth?

- A. NAT
- B. Multipathing
- C. Link aggregation
- D. VLAN

Correct Answer: C

QUESTION 20

A technician wants to remotely gather a list of all the software running on the client PCs throughout the organization. Which of the following should be used to gather this information?

- A. WMI
- B. SQL
- C. Syslog
- D. SNMP

Correct Answer: A

QUESTION 21

Which of the following may be used to provide certificate management within an organization?

- A. SSH
- B. IPSec
- C. Kerberos
- D. PKI

Correct Answer: D

QUESTION 22

Joe, a network administrator, is working with the security team to determine who deleted files from a file share. Which of the following would the security team ask Joe to provide during the security review?

- A. Packet logs
- B. Syslogs
- C. Network logs
- D. Audit logs

Correct Answer: D

QUESTION 23

An administrator has been tasked with the collection of all errors and events on the servers. These must be centralized and emailed directly from the central server. Which of the following is the BEST solution?

- A. LDAP server
- B. RADIUS server
- C. SYSLOG server
- D. DHCP server

Correct Answer: C

QUESTION 24

An administrator has enabled NPIV and has configured the SAN for SAN boot; however, SAN boot fails intermittently. Which of the following, if configured incorrectly, could cause the issue?

- A. LUN Masking
- B. Storage cluster
- C. Zoning
- D. WWPN

Correct Answer: D

QUESTION 25

Anne, an administrator, receives an alert indicating a disk failure on a highly available server with a local RAID 5 array. When checking the server, Anne confirms a flashing amber light on one of the disks. Which of the following is the correct procedure for replacing this drive?

- A. Remove the old drive, reboot the server, and access the RAID controller. Rebuild the array to RAID 6, and then add the new drive for parity.
- B. Remove the old disk while the server is powered on and operational and replace with a new drive.
- C. Remove the old drive, reboot the server, and access the RAID controller. Rebuild the array to RAID 1, and then add the new drive for parity.
- D. Power off the server and replace with a new drive.

Correct Answer: B

QUESTION 26

Which of the following cloud services provides application isolation?

- A. DaaS
- B. BPaaS
- C. CaaS
- D. SaaS

Correct Answer: D

QUESTION 27

Which of the following types of storage technologies uses fiber channel protocols?

- A. SAN
- B. DAS
- C. iSCSI
- D. NAS

Correct Answer: A

QUESTION 28

Which of the following protocols uses port 53, by default?

- A. DNS
- B. FTP
- C. NTP
- D. DHCP

Correct Answer: A

QUESTION 29

A company wants to streamline their reporting tools. They have decided to implement a third party SaaS cloud reporting tool to process additional data, but will continue to process confidential data internally. Which of the following deployment models is BEST suited for the company?

- A. Shared
- B. Private
- C. Hybrid
- D. Community

Correct Answer: C

QUESTION 30

Joe, an administrator, is searching through directories on his multi-tenant cloud environment when he notices he is able to access a directory holding another company's data. Which of the following should be implemented to mitigate this issue?

- A. On-premise hosting
- B. Off-premise hosting
- C. Hashing
- D. Data segregation

Correct Answer: D

QUESTION 31

Which of the following would be the FIRST thing to do after determining an upgrade is required for a production application server?

- A. Perform the upgrade
- B. Notify the application users of the upgrade
- C. Submit a change request
- D. Schedule a maintenance window

Correct Answer: C

QUESTION 32

A company that provides cloud-based storage services wants to ensure that if underlying hard disk drives

are sent to the disposal facility, they will not contain any data in clear-text format. Which of the following should be done to accomplish this task?

- A. Implement degaussing
- B. Ensure that ACLs are configured on users' data
- C. Implement full-disk encryption
- D. Fill disk with random data before disposal

Correct Answer: C

QUESTION 33

Which of the following is the BEST technique an administrator can use to keep copies of various VM states while servers are online?

- A. Cold backup
- B. Snapshot
- C. Clone
- D. Disk image

Correct Answer: B

QUESTION 34

Virtual switches are:

- A. Virtualized network switching devices.
- B. Used to differentiate network traffic with tags.
- C. Virtual machines that are on the same network.
- D. Physical switches running on the same network with virtual machines.

Correct Answer: A

QUESTION 35

An administrator is tasked with encrypting all Personally Identifiable Information (PII) within a cloud based database. Which of the following types of encryption will ensure that ONLY this type of information is encrypted while the rest of the database remains unencrypted?

- A. File and folder encryption
- B. Transport encryption
- C. Hard drive encryption
- D. Table encryption

Correct Answer: D

QUESTION 36

A company decided to go with a cloud-based hosted email solution across all offices and wishes to make the transition as seamless as possible. Which of the following methods would provide the MOST seamless transition for end users?

- A. Non-SSL federation
- B. Access controls
- C. Multi-factor authentication
- D. Single sign-on

Correct Answer: D

QUESTION 37

Which of the following security methods would be used to harden a switch?

- A. IDS
- B. ACL
- C. VPN
- D. VLAN

Correct Answer: B

QUESTION 38

Which of the following is a boot type that requires a NIC when provisioning a hypervisor on bare metal?

- A. SCSI
- B. PXE
- C. IDE
- D. ISO

Correct Answer: B

QUESTION 39

An administrator has created a VM on a new virtualization host and notices network speeds are significantly slower than expected. Upon further review, the VM is using a legacy virtual driver for the NIC. Which of the following should the administrator perform?

- A. Change the default gateway to point to a faster router
- B. Change the router port to support spanning tree
- C. Install guest VM tools
- D. Add an additional virtual NIC

Correct Answer: C

QUESTION 40

Disk read/write performance on a VM is very low. The VM storage is hosted on an iSCSI LUN on a RAID 5 array with Fibre Channel drives. Which of the following is the BEST explanation for this poor performance?

- A. QoS should be implemented to eliminate application chatter
- B. Inadequate Fibre Channel switch capacity
- C. Too few NICs in the host link team
- D. Multipathing software is configured incorrectly on the VM

Correct Answer: C

QUESTION 41

A new network engineer logs into a router and discovers multiple and separate routing tables configured. This router MOST likely has which of the following items configured?

- A. Supernetting
- B. VPN
- C. RIP
- D. VLAN

Correct Answer: C

QUESTION 42

A department requires segregated access due to project requirements. Anne, the engineer, has designated storage and a separate resource pool for VMs through a new VLAN. She wants to ensure a more secure environment for this department within the company cloud. Which of the following should Anne implement?

- A. LUN masking

- B. Multipathing
- C. Virtual switch
- D. Virtual desktop

Correct Answer: C

QUESTION 43

An administrator is installing a new Unix-based server and will be creating the LUNs for the database. The database needs to have two LUNs. Which of the following should the administrator use for rapid provisioning?

- A. Recovery CD
- B. Logical Volume Manager
- C. fdisk
- D. expart

Correct Answer: B

QUESTION 44

A company uses a third-party utility to protect critical virtual machines. The third party uses deduplication to compress workloads without degrading performance. Which of the following should be tested to ensure appropriate network support?

- A. Bandwidth
- B. Trunking
- C. Caching
- D. Compression

Correct Answer: A

QUESTION 45

In order to enhance security on a SAN, which of the following should be configured?

- A. ZFS
- B. LUN
- C. VSAN
- D. Zoning

Correct Answer: D

QUESTION 46

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. Page file
- B. Multipath I/O
- C. N_Port settings
- D. Jumbo frames

Correct Answer: D

QUESTION 47

Which of the following is used to handle non-sensitive information in a datacenter and can be moved to the public cloud to free up local resources and meet high demands?

- A. Chargeback
- B. Cloud bursting

- C. Automation
- D. Rapid deployment

Correct Answer: B

QUESTION 48

A company that provides Software as a Service wants to prevent the application code from being modified. Which of the following techniques should be used to accomplish this task?

- A. Obfuscation
- B. Encryption
- C. Auditing
- D. Signing

Correct Answer: D

QUESTION 49

A company has made the decision to virtualize as many servers as possible. To avoid VM sprawl the company implements a system to help business units understand the costs associated with these efforts. Which of the following system types has been implemented?

- A. Accounting application
- B. Wiki page
- C. V2P migration
- D. Chargeback

Correct Answer: D

QUESTION 50

An application has been moved to a new third-party public cloud provider. Which of the following should be completed before load testing begins?

- A. Perform baseline measurements
- B. Notify the end user community
- C. Set up service level agreement
- D. Set up DHCP

Correct Answer: A

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