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Exam Code: CV0-001

Exam Name: CompTIA Cloud+ Certification Exam



Examsheets

QUESTION 1

Which of the following is MOST important when factoring network level security in a public cloud environment?

- A. Ensuring good user experience
- B. Ensuring confidentiality
- C. Ensuring redundancy
- D. Ensuring high availability

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 2

Which of the following should an administrator implement when connecting the company's existing network to a public cloud environment to ensure confidentiality of data that is being transmitted?

- A. A proxy server
- B. A load balancing solution
- C. An IPSec tunnel
- D. A server clustering solution

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 3

An administrator is creating a new VM template and has a requirement that the OS must be hardened. Which of the following should be performed to harden a guest OS?

- A. Encrypt the hard drive
- B. Run defrag
- C. Rename administrator account
- D. Change page file

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 4

A company has decided to reduce their datacenter size. An administrator for the company has been tasked to virtualize many of the company's servers. Which of the following should the administrator perform to accomplish this goal?

- A. P2V

- B. P2P
- C. V2P
- D. V2V

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 5

An administrator needs to provide Internet access to all internal systems using a single IP address. Which of the following should the administrator implement?



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- A. NAT
- B. Virtual switching
- C. VLAN tagging
- D. PAT

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 6

Which of the following technologies would MOST likely be used for personal use to virtualize a desktop?

- A. Type II
- B. Type I
- C. RAID 5
- D. RAID 0

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 7

In which of the following cloud services will the customer be responsible for securing provisioned hosts?

- A. PaaS
- B. IaaS

- C. SaaS
- D. DaaS

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 8

Which of the following can be used to encrypt data at rest on a VM located in the cloud?

- A. AES
- B. SSL
- C. TLS
- D. VPN

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 9

An administrator is tasked to reduce the company's datacenter power utilization. Currently there are 500 physical servers in the datacenter and 600 virtual servers with five additional available host servers. Which of the following should the administrator perform?

- A. Migrate servers using V2V technology
- B. Perform an offline migration of virtual servers
- C. Migrate servers using V2P technology
- D. Migrate servers using P2V technology

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 10

An administrator is tasked with installing an application patch on a virtual server. The administrator needs the ability to restore the server to its previous state quickly if the patch corrupts the system. Which of the following should the administrator do to accomplish this task?

- A. Install the patch on a development server
- B. Create a full backup
- C. Create a snapshot
- D. Install the patch on a test server

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 11

Which of the following uses the business model of shared resources in a cloud environment?

- A. Elasticity
- B. Self-serve
- C. Cloud bursting
- D. Multi-tenancy

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 12

Which of the following can be done after an administrator deploys a virtual server to ensure that the server vNIC can communicate to the physical network?

- A. Bridge the vNIC
- B. Set the vNIC speed to half-duplex
- C. Add an addition vNIC
- D. Set the vNIC speed to full-duplex

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 13

After an administrator successfully migrated the last physical application server to a virtual environment, the help desk reported slow performance. Which of the following should the administrator have done FIRST before migrating this server?

- A. Apply operating system patches to the application server after the migration.
- B. Contact the vendor to see if the application is supported in a virtual environment.
- C. Take a backup of the application server after the migration.
- D. Migrate the application server in a test environment and have users test it.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 14

An administrator deployed a DaaS cloud delivery model for a financial institution and implemented a data encryption technology using AES cryptography. Which of the following should the administrator implement NEXT?

- A. Access controls
- B. RC5
- C. SSL
- D. Zoning

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 15

An administrator deployed ten application servers from a single VM template. A senior administrator notices that these ten VMs are not using their resources efficiently. Which of the following is MOST likely the issue with the new servers?

- A. The dynamic resource pool is malfunctioning.
- B. The server is missing security patches.
- C. The VM servers were not properly configured.
- D. There are insufficient resources available on the host.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 16

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 17

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

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 18

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 19

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 20

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 21

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 22

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 23

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 24

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

Section: (none)

Explanation**Explanation/Reference:**

Explanation:

QUESTION 25

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

Section: (none)

Explanation**Explanation/Reference:**

Explanation:

QUESTION 26

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

Section: (none)

Explanation**Explanation/Reference:**

Explanation:

QUESTION 27

Although the SAN appears to be running without any problems, the technician is unable to reach the SANs 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

Section: (none)

Explanation**Explanation/Reference:**

Explanation:

QUESTION 28

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 29

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 30

Students in a virtual lab must be able to upload and download homework assignments from personal external storage devices to their virtual desktops. Which of the following should the lab administrator implement to allow students to upload files?

- A. Resource pooling
- B. Secure FTP
- C. Storage quotas
- D. Port mapping

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 31

Which of the following detection controls can be used to identify an unauthorized individual who accessed a remote network share?

- A. Obfuscation
- B. Authentication
- C. Log review
- D. LUN masking

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 32

The performance logs on a virtualization server show a large number of pages being written to disk at a high rate. Which of the following should the technician do?

- A. Increase the amount of swap space on the disk
- B. Increase the amount of physical memory
- C. Install and provision additional disk space
- D. Allocate additional CPU power to the guests

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 33

A company wants to migrate its critical application to a public cloud but the security administrator is concerned with the application's data confidentiality requirements. Which of the following can be done to review if the appropriate management security controls are in place at the provider?

- A. Penetration testing
- B. Vulnerability assessment
- C. Performance and application testing
- D. Policy and procedure audit

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 34

A catastrophic disk failure occurred on a company's critical database. After a technician performs a full system restore, one of the business units realizes that the current backup does not hold fresh enough information. Which of the following should the company revise?

- A. RTO
- B. MTTR
- C. RPO
- D. MTBF

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 35

A company has virtualized all of their servers on one physical server located on the company's first floor datacenter. The company also uses security software from a third-party cloud vendor as part of a SaaS contract. The overall cloud network model for this company's network is BEST described by which of the following?

- A. Hybrid
- B. Offsite public
- C. On-site private
- D. Community

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 36

A company has five servers and wishes to consolidate into a single physical server. Which of the following migration methods would accomplish this?

- A. P2P
- B. V2P
- C. V2V
- D. P2V

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 37

An external USB hard drive physically attached to a server is a:

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 38

A company has multiple guest operating systems running in a virtual environment. An administrator would like to ensure all servers consistently receive the same IP addresses. Which of the following should be implemented?

- A. Soft limit quotas

- B. Reservations
- C. Resource pooling
- D. Entitlement allocations

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 39

A technician would like to connect to a virtual server from inside the network, using a desktop computer. Which of the following tools could the technician use?

- A. HTTP
- B. RDP
- C. IMAP
- D. SSL

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 40

Which of the following is an example of two-factor authentication when accessing a virtual server?

- A. Multiple usernames/passwords for all websites
- B. Username/password, fingerprint scanner, and key fob
- C. Username/password and PIN
- D. Username/password and fingerprints

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 41

A server has two power supplies such that when the first one fails, the second one automatically is used to provide power to the server. This type of setup is an example of which of the following?

- A. Latency
- B. Replication
- C. Redundancy
- D. Failback

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 42

Which of the following would allow the knowledge management division to maximize the ability to find documents within an online document repository?

- A. Object ID
- B. Access control
- C. Metadata
- D. Rapid deployment

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 43

A system administrator wants to create a mitigation strategy to quickly roll back a virtual image after applying the latest updates. Which of the following would the administrator utilize?

- A. File backup
- B. Snapshot
- C. Offline backup
- D. Image backup

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 44

A system administrator currently has two web server VMs on one host. Users are reporting that query searches within the site are slow. The system administrator notices that the host CPU is above the threshold. Which of the following should be completed?

- A. Migrate one web server to another host.
- B. Defragment the hard drives on the server.
- C. Rebuild the two web server VMs.
- D. Install another NIC for the creation of a network bridge.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 45

A storage administrator has 100 terabytes of physical storage space within the SAN. Which of the following is used to enable access to the storage space?

- A. Drive mirroring
- B. LUN creation
- C. Drive striping
- D. RAID configuration

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 46

A system administrator wants to be able to use one server to collect all of the logs on the network. Which of the following would be used to satisfy this scenario?

- A. Firewall logging
- B. Change management database
- C. Syslog service
- D. SNMP

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 47

Which of the following will allow the network administrator to verify that one IP is assigned to one VM?

- A. Virtual Local Area Network
- B. Reservations
- C. Resource Pooling
- D. Storage allocation

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 48

A storage administrator wants to limit an operating system from accessing all of the storage within the array. Which of the following could be enabled on the SAN?

- A. LUN masking
- B. Implement different file formats
- C. Access control lists
- D. Data at rest encryption

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 49

A company is required to provide their customers with zero downtime for its web application. Which of the following would satisfy this requirement?

- A. Cold site
- B. High availability
- C. Multipathing
- D. Load balancing

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 50

Which of the following cloud delivery models is deployed over a company intranet or company-hosted datacenter?

- A. Private cloud
- B. Hybrid cloud
- C. Community cloud
- D. Public cloud

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 51

Which of the following would create an efficient means of accessing and organizing data in a cloud environment, as well as provide a list of useful, relevant data?

- A. Blob data
- B. Object ID
- C. Replicas
- D. Metadata

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 52

Users on a network report that they are unable to access any external websites, however, they are able to access resources by IP address. Which of the following command line utilities would be used FIRST in troubleshooting this problem?

- A. netstat
- B. telnet
- C. nslookup
- D. ipconfig

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 53

Which of the following storage technologies would be MOST appropriate for installations where fast data access time is paramount?

- A. USB
- B. Tape
- C. HDD
- D. SSD

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 54

A web hosting company received reports of slow performance from four out of the five clients. Upon investigation, it was determined that a hosted virtual machine was using more RAM and CPU than the others. Which of the following MOST likely contributed to the issue?

- A. Hard quota limits
- B. Soft quota limits
- C. Storage allocation
- D. Resource pooling

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 55

Which of the following access control types allows users to assign security attributes to objects such as files and directories?

- A. Role based
- B. Mandatory
- C. Discretionary
- D. Rule set based

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 56

Which of the following networking components would be used to connect two subnets in a virtual environment?

- A. Virtual switch
- B. Virtual disks
- C. Virtual router
- D. Virtual HBA

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 57

Which of the following could be assigned to a virtual CPU?

- A. Cores
- B. HBAs
- C. LUNs
- D. Stepping

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 58

Which of the following could be reviewed on devices to help determine whether unauthorized access has occurred?

- A. Antivirus
- B. Firewall
- C. Audit logs
- D. IDS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 59

How many cores are available to the resource pool with a Type I hypervisor that has 4 quad core processors installed?

- A. 16
- B. 24
- C. 32
- D. 64

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 60

Which of the following describes the access control method where data owners authorize who is granted access to their files?

- A. Mandatory access control
- B. Role-based access control
- C. Access control list
- D. Discretionary access control

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 61

Which of the following will provide the MOST network address information possible for a system that belongs to a tenant in a private cloud?

- A. ipconfig
- B. telnet
- C. traceroute
- D. nslookup

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 62

Some of the VMs in an environment are experiencing network connectivity loss. The VM management network has no connectivity issues. Which of the following could cause this connectivity issue?

- A. NIC teaming is disabled
- B. Faulty host NIC port
- C. Wrong NIC load balancing mode
- D. Slow NIC

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 63

Users have been reporting slow response times on a database server. The administrator noticed the server at any given time has between 30 to 50 users connected to various databases.

Additional research shows disk metrics such as disk queuing and disk access rates are both around 10% to 15%. Which of the following can be the root cause of this slow performing server?

- A. The CPU time reservation is small.
- B. The swap disk space is small.
- C. The server has fewer resources than required.
- D. I/O tuning is disabled.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 64

A web server is offline. Which of the following will allow the FASTEST possible recovery of the web server?

- A. Operating system and application backups
- B. Image backups
- C. Operating system backups only
- D. File backups

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 65

Which of the following is a MINIMUM requirement for VM online migration?

- A. Same CPU family between source and target hosts.
- B. Same network equipment between source and target hosts.
- C. Same hardware vendor for the datacenter.
- D. Same hypervisor versions between source and target hosts.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 66

Which of the following is a subcomponent of a virtual machine?

- A. Virtual switch
- B. Virtual HBA
- C. Virtual shield
- D. Virtual OS

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 67

Which of the following **MUST** be in a zone? (Select TWO).

- A. Initiator
- B. Target
- C. CNA
- D. HBA
- E. Fibre Channel

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 68

Ubiquitous access to cloud computing means:

- A. access by any person
- B. access by any device through any network connection
- C. access by authorized personnel only
- D. international access across country borders

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 69

Which of the following attributes **BEST** describes elasticity in cloud computing? (Select TWO).

- A. Universal access
- B. Multi-tenancy
- C. Portability
- D. Cost effectiveness
- E. Scalable
- F. Off premises

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 70

Which of the following factors yields cost savings in cloud computing? (Select TWO).

- A. Shared resources
- B. Availability
- C. Ubiquitous access
- D. Multi-tenancy
- E. On premises

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 71

A company has an existing internal network that hosts confidential information. However, this network also has a connection to a separate site. The separate site is managed by a third party organization that has an SLA with the company. Which of the following BEST defines this cloud delivery model?

- A. Private Cloud
- B. Public Cloud
- C. Community Cloud
- D. Hybrid Cloud

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 72

Monitoring alarms should be set based on:

- A. A high point for every performance counter in the system.
- B. The point of application installation.
- C. Acceptable application performance criteria.
- D. Support availability.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 73

A user is notified that they will be terminated at the end of the day. As they start cleaning up their workstation, they try to FTP information from their workstation to a cloud-based, personal backup solution. Which of the following hardening techniques would be used to restrict their ability to transfer this information via FTP?

- A. Antivirus
- B. NIPS
- C. NIDS
- D. Host-based firewall

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 74

A datacenter migration is taking place and the administrator has been tasked with reducing the footprint of the new datacenter by virtualizing as many servers as possible. A physical server has been flagged as a candidate for relocation to the new data center. Which of the following methods would be the FIRST method for relocating the server to the new data center?

- A. V2V
- B. V2P
- C. P2V
- D. P2P

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 75

A critical hypervisor security patch has been released and needs to be rolled out as soon as possible. Which of the following steps can be taken to minimize downtime for all guest VMs currently running?

- A. In the next scheduled maintenance window, apply patch, reboot host, and wait for all VMs to come back online.
- B. In the next scheduled maintenance window, migrate VMs to another host. Remove host from any availability clusters, patch host, reboot host, and place host back into availability cluster.
- C. In the next scheduled maintenance window, shut down all VMs, apply patch, reboot host, and wait for all VMs to come back online.
- D. In the next scheduled maintenance window, migrate VMs to another host. Remove host from any availability clusters, unplug network cables from host, patch host, reboot host, reconnect network cables, and place host back into availability cluster.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 76

Which of the following cloud models would be used when implementing a company's email system in the cloud?

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 77

Which of the following describes federated access control?

- A. Secure Sockets Layer
- B. Trusted
- C. Digital Identity
- D. Federated Communication

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 78

Which of the following is the BEST means of ensuring resource utilization remains even across the hosts?

- A. Resource pooling
- B. VM affinity
- C. Dynamic VM placement
- D. VM high availability

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 79

Which of the following can an administrator implement to achieve boot on SAN?

- A. Thin provisioning
- B. vNIC
- C. NPIV
- D. NAT

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 80

Which of the following describes the combination of a disk, computer, and a network into a pool of resources to efficiently allocate resources?

- A. Virtual resource reservation
- B. Zoning
- C. Load balancing
- D. Converged infrastructure

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 81

An administrator has implemented a self-service provisioning portal in the company and has associated a cost to CPU, memory, storage, and OS type. Which of the following cloud computing options has been configured?

- A. Cloud bursting
- B. Chargeback
- C. Multi-tenancy
- D. Reservations

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 82

Which of the following can be used by the cloud consumer and provides a visualization of key service metrics?

- A. Dashboard
- B. API
- C. Home Page
- D. Interface

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 83

A company just received a shipment of brand new blade servers and an administrator has been tasked with virtualizing the blade fabric switches. Which of the following would be used to accomplish this?

- A. iSNS
- B. V2P
- C. P2V
- D. NPIV

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 84

Which of the following would BEST ensure uninterrupted communication from the storage controller to the SAN?

- A. QoS
- B. Multipathing
- C. Zoning
- D. Flow control

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 85

An administrator is unable to communicate with the physical server via RDP. When using an IP KVM a successful connection was established with the server. Which of the following is being used?

- A. SSO
- B. Console
- C. Guest tools
- D. SSH

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 86

Which of the following backup types will enable scheduled point-in-time recovery of data and is accessible to end-users?

- A. Image backup
- B. Asynchronous replication
- C. File system snapshot
- D. Virtual machine cloning

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 87

Which of the following provides insight information when investigating potential security breaches but does not make changes to the environment? (Select TWO).

- A. IPS
- B. IDS



<http://www.gratisexam.com/>

- C. Log reviews
- D. Firewalls
- E. ACLs

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 88

Which of the following ports is generally associated with a UDP based service?

- A. 22
- B. 25
- C. 53
- D. 80

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 89

Which of the following encryption technologies would MOST likely be used to protect in-transit user data on a publicly accessible service?

- A. SSL
- B. RSA
- C. IPSEC
- D. AES

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 90

High CPU wait times can often be attributed to:

- A. I/O throttling.
- B. Old processors on hypervisors.
- C. Too many virtual machines on a single host.
- D. Too few virtual CPUs on the guests.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 91

A government agency wants to create a common environment that would allow them to share documents with other agencies using a cloud model. Which of the following would be the BEST approach?

- A. Hybrid cloud
- B. Community cloud
- C. Private cloud
- D. Public cloud

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 92

Which of the following terms would describe a cloud characteristic that hosts separate customers on shared infrastructure?

- A. Flexible
- B. Fractured
- C. Diversified
- D. Multi-tenancy

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 93

The Chief Information Officer (CIO) of a company is tasked to save costs by reducing datacenter space. The

administrator explains that virtualization of servers will support this task as a benefit of migrating to a cloud environment known as:

- A. Increased server efficiency.
- B. Infrastructure consolidation.
- C. Total cost of ownership reduction.
- D. Increased availability.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 94

A company wants to build a cloud environment where individual departments can host applications and data on shared resources, but users cannot access data that is outside of their department without specific permissions. To deploy an architecture that meets this requirement, the network administrator will need to employ which of the following configurations on the switches?

- A. Port security
- B. Packet shaping
- C. Routing tables
- D. VLANs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 95

Which of the following protocols allows fibre channel to be transmitted over the network?

- A. HBA
- B. FCoE
- C. NFS
- D. iSCSI

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 96

Which of the following is an example of vertical scaling?

- A. Adding memory to a host
- B. Adding CPU to a VM guest
- C. Adding memory to the VM guest
- D. Migrating all VM guests from one host to another in a cluster

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 97

After deploying VM guests from a VM template on an NFS datastore, the administrator has discovered misaligned VM guest partition offsets in multiple VM guests. Which of the following represents a complete solution for improving I/O performance?

- A. Correct the VM guest partition offset in the deployed VMs
- B. Correct the VM guest partition offset in the deployed VMs and use the correct LUN alignment offset for the VM guest OS
- C. Correct the VM guest partition offset in the VM template
- D. Correct the VM guest partition offset in the VM template and the deployed VMs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 98

The Chief Technology Officer (CTO) has recently implemented a policy requiring all critical systems, including the virtualized environment to be highly available in the primary datacenter. The organization also maintains a cold site for disaster recovery. Which of the following BEST satisfies this requirement?

- A. Implement two hosts in a local cluster in the primary datacenter.
- B. Implement two hosts in the primary datacenter.
- C. Implement two hosts in a geo-cluster, one in the primary datacenter and one in the cold site.
- D. Implement data mirroring between the primary datacenter to the cold site.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 99

An IPS is used to:

- A. Authenticate users.
- B. Detect unauthorized access.
- C. Block unauthorized access.
- D. Establish SSL access.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 100

Which of the following protocols could be used to identify the OS version installed on a server?

- A. WMI
- B. IMAP
- C. TLS
- D. SMTP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 101

Which of the following goals are met by multi-port link aggregation? (Select TWO).

- A. LUN zoning
- B. Link clustering
- C. Port linking
- D. Load balancing
- E. Fault tolerance

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 102

Hardware compatibility among multiple hosts guarantees which of the following?

- A. Host migrations
- B. Supportability
- C. Online VM migrations
- D. Storage migrations

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 103

A developer is storing a large number of images in binary format to call for a website. Which of the following BEST describes this type of storage object?

- A. Object ID
- B. Extended metadata
- C. Metadata

D. Data blob

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 104

Which of the following would assist in preventing malware from spreading in a cloud environment?

- A. Software-based firewall
- B. Deploy DMZ
- C. Implement a honeypot
- D. Antivirus software

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 105

Which of the following are components of an Object-Based Storage system? (Select TWO).

- A. HBAs
- B. Public Network
- C. Nodes
- D. Private Network
- E. Mainframes

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 106

The Chief Information Officer (CIO) tells the IT department that all non business critical production applications can be down for no more than 48 hours. Which of the following has the CIO defined?

- A. Failback
- B. RPO
- C. RTO
- D. Failover

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 107

An administrator receives an automated text that indicates a server hosting a critical app is unavailable. Upon further review, the server needs to be restored from backup. Which of the following defines the amount of time a restore cannot exceed?

- A. Failback
- B. Failover
- C. RTO
- D. RPO

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 108

A new self-service provisioning system has been deployed to serve the company's rapid VM provisioning needs. Since the website is in the DMZ, HTTPS is required, but company policy states that SSL certificates can not terminate at the server. The company also has a requirement that the web portal be redundant while providing session state. Which of the following availability technologies can be used to meet the company's requirements?

- A. Failover
- B. Multipathing
- C. Load balancing
- D. Failback

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 109

Which of the following offers 128, 192, and 256 bit encryption?

- A. AES
- B. DES
- C. RC4
- D. RC5

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 110

Which of the following can limit VM mobility in a host cluster based on architectural differences?

- A. HBA

- B. Switch
- C. CPU
- D. NIC

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 111

A company has hired a new Chief Security Officer (CSO). While reviewing the company's RAID levels on business critical data volumes, the CSO has decided to change the RAID level to allow for the best protection against number of disk failures. Which of the following RAID levels will accomplish this?

- A. RAID 0+1
- B. RAID 1+0
- C. RAID 1
- D. RAID 6

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 112

A storage administrator has created five new LUNs for a company's virtual cluster. The company uses iSCSI to connect to storage. Which of the following is needed to present the newly created LUNs on the virtual cluster?

- A. WWNN
- B. IQN
- C. WWPN
- D. VLAN

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 113

Which of the following BEST describes the need for LUN Masking?

- A. A storage administrator needs to isolate storage networks.
- B. A storage administrator needs to establish storage recovery points.
- C. A storage administrator needs to control which servers are able to access specific LUNs.
- D. A storage administrator needs to establish storage replication points.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 114

A company has purchased a new self-service provisioning system and has brought in a consultant to deploy the system. During the installation the application attempts to connect to the database server but fails. Which of the following could cause the connection issue?

- A. The consultant has not been granted log in rights to the database server
- B. The database has not been configured for data de-duplication
- C. The consultant has not been granted sa rights to the database instance
- D. Necessary firewall ports have not been opened

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 115

An administrator creates a new VM, but after powering on the VM, the administrator receives the message no boot device detected. Which of the following needs to be done to resolve this problem?

- A. Mount a NIC that is connected to the virtual switch
- B. Migrate the VM to a new host
- C. Connect the host to working VM storage
- D. Mount an ISO containing an operating system

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 116

An administrator creates a new virtual desktop for a user. The user is unable to log in with their domain credentials. However, the administrator is able to log in with a local administrator account and ping other VDIs on the same subnet. Which of the following does the administrator need to correct?

- A. Flow control settings of TCP/IP
- B. Gateway on the network adapter
- C. VLAN on the virtual switch
- D. Virtual router

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 117

Elasticity is closely related to which of the following cloud characteristics?

- A. On-demand
- B. Pay-as-you-grow
- C. Chargeback
- D. On-premise hosting

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 118

An administrator is troubleshooting the cause of multiple VMs which are suddenly going offline. Which of the following is the FIRST step in troubleshooting the issue?

- A. Review LUN configurations for errors
- B. Review Fibre Channel zoning configuration
- C. Review system logs on the host
- D. Review VM OS multipathing software configuration

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 119

An administrator is configuring access to hypervisors that will allow them to connect in the event that the management network is down. This type of access is referred to as:

- A. Secure shell.
- B. NIC teaming.
- C. Out-of-band.
- D. Serial port mapping.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 120

A system administrator is testing various types of software within VMs on a local workstation while surfing the Internet on a host. Which of the following BEST describes the hypervisor architecture that the administrator is using?

- A. Type II
- B. Type I
- C. Open source
- D. Proprietary

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 121

A business has a virtualized environment which relies on specific file types, formats, and vendor supported tools. The business is MOST likely using which of the following?

- A. Type II
- B. Type I
- C. Open source
- D. Proprietary

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 122

Which of the following would be considered a cold site?

- A. A site that has air conditioning available, but no heat
- B. A duplicate site that has replication enabled
- C. A site that has telecommunications and network available
- D. A site that is completely functional and staffed

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 123

Encryption ensures which of the following? (Select TWO).

- A. Access control
- B. Data loss
- C. Confidentiality
- D. Authentication
- E. Data integrity

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 124

A company has just established a new branch office that needs to connect back to centrally hosted applications

for day to day operations. The branch office has noted that access to many company services are slow and causing a drop in productivity. The company IT department has investigated a plan to improve performance across the link to the branch office without having to pay for more bandwidth from the Internet Service Provider. This plan includes hardware that after installation will allow for much faster access to day to day business applications. Which of the following terms BEST describes the action taken by the IT department?

- A. LAN optimization
- B. WAN optimization
- C. Load balancing
- D. Bandwidth compression

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 125

Which of the following deployment models BEST meets the requirement to host some of a company's applications in a third party environment while retaining control over some of their data?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 126

Management has implemented a policy which states that the OS, the swap file, and data must each reside on its own disk. The virtualization administrator has deployed a VM from a template that has one virtual disk configured. Which of the following steps MUST the administrator take to comply with policy?

- A. Add two virtual disks to the VM
- B. Create two partitions on the existing virtual disk
- C. Create three partitions on the existing virtual disk
- D. Add three virtual disks to the VM

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 127

An administrator is responsible for maintenance and support of servers in the cloud environment. There are over 500 virtual servers spanning across ten physical hosts. The administrator deploys a new application server. The administrator allocated the appropriate virtual resources for the application. Users report slow response after the new server was deployed. Which of the following is the cause of this issue?

- A. Storage allocation on the guest OS
- B. Resource pooling mis-configuration
- C. Application licensing expiration
- D. Data segregation on the host OS

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 128

Which of the following hypervisors will allocate resources MORE efficiently?

- A. Type I
- B. Proprietary
- C. Type II
- D. Open source

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 129

A system administrator identified an issue on a critical server that is hosted in the cloud. The user community is affected by this issue, but is still able to work. A reboot is needed to rectify this issue. Which of the following steps should the administrator do FIRST to resolve this issue?

- A. Contact the user community
- B. Establish a back-out plan
- C. Enter a change request
- D. Reboot the server

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 130

An administrator is tasked with ensuring that any new virtual server deployed will meet the minimum requirements for the environment. Which of the following items would be included in a baseline for a VM template? (Select TWO).

- A. Database
- B. CPU
- C. Encryption keys
- D. Security patches
- E. IP address

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 131

A new host has been bought to be a part of a new cluster. The purchase order specifies this server has four physical CPUs with eight cores each. After the administrator boots the host, there are only 24 logical processors available for VM allocation. Which of the following BEST describes this problem?

- A. The server requires a firmware upgrade to version 8.2
- B. The BIOS does not have virtualization support features completely enabled
- C. The virtualization license is not the enterprise edition
- D. A CPU is dead on arrival or disabled on the motherboard

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 132

A programmer removes OS software from a laptop during development of a new prototype for the company. After the code is promoted from development to QA, none of the QA testers can get the application to work. Which of the following is MOST likely the cause of the application not working properly in QA?

- A. QA systems require a reboot after a new application is installed
- B. Programmer did not compile the code properly
- C. Programmer put the source code in repository without any validations
- D. QA systems are missing patches

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 133

Which of the following will allow the administrator to be able to reduce Internet Service Provider costs for two sites that have replication as a preferred method for disaster recovery events?

- A. Caching on two sites
- B. Redirection
- C. Caching on one site
- D. Compression

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 134

In a storage fabric, which of the following is the primary way to implement multipathing?

- A. Formatting
- B. Scaling
- C. Zoning
- D. Caching

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 135

Geo-clustering protects against which of the following?

- A. Data corruptions
- B. Global disasters
- C. Denial of Service
- D. Regional disruptions

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 136

Which of the following virtualization implementations yields the HIGHEST performance of the same hardware configuration?

- A. CPU emulation
- B. Type I
- C. Memory ballooning
- D. Type II

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 137

A group of users can no longer access a number of different LUNs hosted across multiple hosts. Which of the following failures could have caused this issue?

- A. CPU failure
- B. Fabric failure
- C. Memory failure

D. NIC failure

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 138

A corporate office allows employees to work remotely, using their personal computers to access network resources through a browser-based gateway. Which of the following settings should be applied to the virtualized application running on the gateway to reduce the risk of company information being transferred to employees personal machines?

- A. Disable the ability to copy and paste
- B. Encrypt the employees personal computer hard drives and disable the ability to paste
- C. Encrypt the employees personal computer hard drives and disable the ability to print
- D. Disable the ability to paste and read

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 139

A company has a virtualized environment. Hosts are configured to dynamically assign resources from the resource pool as required. Ann, an administrator is remotely connected to a host and is adding ten more guests. She suddenly loses connection to the host and fails to reconnect. Ann now finds that the server no longer responds when pinged. Which of the following BEST describes the issue?

- A. Over allocation of guest resources
- B. Over allocation of virtual resources
- C. Over allocation of storage resources
- D. Over allocation of host resources

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 140

A cloud based global multiplayer game is an example of which of the following?

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 141

A start-up company has recently gone public and is experiencing unexpected growth. Which of the following cloud service models would allow the company to provide internal email quickly to new employees?

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 142

Which of the following tools would an administrator use to configure a host server when the WAN to the company's network was down?

- A. Console Port
- B. Virtual Private Network
- C. Access Control Lists
- D. Intrusion Detection System

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 143

Which of the following tables would an administrator use to find a list of paths to network nodes?

- A. Port table
- B. VPN tagging
- C. ARP table
- D. Route table

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 144

Which of the following network terms describes the process of grouping similar traffic on a network?

- A. VLAN tagging

- B. Virtual switches
- C. Supernetting
- D. Route tables

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 145

Which of the following would an administrator implement between a host and a guest to allow the virtual server to connect to a third party USB drive license key?

- A. Port mapping
- B. NAT
- C. Console port
- D. PAT

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 146

Which of the following disk drive types would be the BEST for a mission critical application with low latency requirements?

- A. FC
- B. SATA
- C. SSD
- D. SAS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 147

Which of the following is the BEST answer for implementing a feature that will remove a single point of failure between a SAN and host?

- A. MPLS
- B. MTBF
- C. MTU
- D. MPIO

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 148

An administrator has been reviewing a cloud providers website and would like to view the current information about all services available. Which of the following should the administrator analyze?

- A. Catalog
- B. CMDB
- C. Quote
- D. Service request

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 149

A fault tolerant storage array with clustered nodes is being installed. Which of the following would be the BEST description of this type of array?

- A. Active- Active
- B. Passive-Passive
- C. Passive-Active
- D. Active-Passive

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 150

An administrator is investigating performance issues related to database application response time that is not within the baseline. Which of the following is the symptom of the performance issue?

- A. Aggregation
- B. Latency
- C. Throttling
- D. Bottleneck

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 151

A JBOD is being monitored and an administrator notices that a high number of writes occur in short timeframes in the last 24 hours. Which of the following BEST describes this issue?

- A. I/O bursting
- B. I/O throttling
- C. I/O threshold
- D. I/O saturation

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 152

An administrator notices one of the VMs hosting an application server is consuming more CPU resources over time. As a result, the host is running near 90% CPU capacity at peak time. Which of the following is the BEST method to alleviate this issue while minimizing downtime?

- A. Online storage migration
- B. Online migration to a new host
- C. Upgrade the host CPU to increase resources
- D. Add a new virtual CPU

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 153

An administrator has logically grouped several VMs and configured settings describing the minimum memory requirement for the group. This is a description of which of the following?

- A. Resource mapping
- B. Resource pooling
- C. Storage limits
- D. Logical volume manager

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 154

Which of the following is the BEST classification for a hosted IP phone PBX?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 155

A company has two datacenters in different cities. When one of the datacenters loses power, there is near instant failover to the other datacenter. This is an example of which of the following?

- A. Warm site
- B. Hot site
- C. Offsite storage
- D. Backup

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 156

An administrator finds and removes an any-any allow rule. Which of the following is the administrator MOST likely modifying?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 157

An administrator has noticed that a 500MB file is taking over three hours to move over a 10Gbps link. Which of the following is MOST likely responsible for this performance?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 158

Which of the following locations would a system engineer MOST likely place a NAS storage device for VM image files?

- A. In the same subnet as the associated hypervisors
- B. Outside of the external router
- C. In a remote datacenter for geographic diversity
- D. Behind a LUN mask to maximize obfuscation

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 159

A system administrator repeatedly gets reports of files becoming unexpectedly deleted from a shared storage file system. Which of the following is the system administrator MOST likely to investigate?

- A. LUN masking
- B. Zoning
- C. User and host authentication
- D. Audit logs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 160

A VM that is generally used for development is tested quarterly on other hypervisors to validate sideways compatibility. Which of the following migrations does this describe?

- A. Online
- B. V2P
- C. V2V
- D. P2V

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 161

A client was unable to connect to the cloud provider for over an hour on Saturday. Which of the following is the FIRST thing an operations manager should check?

- A. SLA
- B. Business continuity plan
- C. OLA
- D. Contract with the cloud provider

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 162

In order for a company to transition to a cloud solution, which of the following should the company check FIRST before transitioning? (Select TWO).

- A. Service level agreements
- B. IT operations policy
- C. Business needs
- D. Company stock performance
- E. Virtual desktop environment

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 163

Which of the following is an example of a customer solely renting computing resources?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 164

A company has contracted email and storage services from a cloud provider. They have seen significant growth in sales of their product and have been hiring additional workers. Their recent cloud services bill has increased and is projected to increase with another new project coming online. Which of the following cloud characteristics is represented?

- A. Pay-as-you-grow
- B. Cloud bursting
- C. Just-in-time service
- D. Rapid deployment

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 165

Which of the following is true about Type I hypervisors?

- A. They run on bare metal hardware
- B. They are open source only
- C. They depend on an underlying OS
- D. They are proprietary only

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 166

Which of the following technologies should be used to reduce the disk footprint of a VM?

- A. Defragmentation
- B. Full disk encryption
- C. Thin-provisioning
- D. NTFS compression

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 167

Which of the following is the correct subnet mask for a VM with an IP address configuration of 192.168.1.10/24?

- A. 255.255.0.0
- B. 255.255.248.0
- C. 255.255.255.0
- D. 255.255.255.224

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 168

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. 2
- C. 4
- D. 8

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 169

ARP is used to resolve IP addresses to:

- A. WWPN addresses.
- B. MAC addresses.
- C. IQN addresses.
- D. FQDN addresses.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 170

An administrator wants to repurpose server hardware to host hypervisors. The administrator must FIRST:

- A. install the hypervisor on the bare metal servers.
- B. check the servers configuration against the hardware vendors HCL.
- C. check the servers configuration against the hypervisor vendors HCL.
- D. install the OS and then enable the hypervisor function.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 171

VM templates should have their default account passwords changed upon deployment to prevent:

- A. Access by the administrator.
- B. Access to the Internet.
- C. Access by former IT employees.
- D. Access denial.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 172

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 173

In which of the following situations would a network administrator optimize a company's WAN?

- A. High amounts of packet loss on a switch port
- B. CPU utilization on a switch is at 95%
- C. Installed new local application on a private network
- D. Contracted with a SaaS provider to provide a new application

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 174

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 175

A financial storage system will be required by law to retain copies of checks for up to two years. Which of the following would be suited to meet this requirement?

- A. SSD
- B. USB drive
- C. FCIP
- D. CAS

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 176

Which of the following would need to be consistent for a LUN to be considered healthy?

- A. Metadata
- B. Structure
- C. Superblock
- D. inode

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 177

Which of the following is used for keeping track of all logical and physical data?

- A. BSD
- B. Flat File Systems
- C. Non Journaling File System
- D. Journaling File System

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 178

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 179

A storage array is shared with other departments. An administrator would like to ensure that no other department performs backups on the LUNs. Which of the following could be used to mitigate this? (Select TWO).

- A. VTL

- B. Licensing
- C. ACLs
- D. Compression
- E. RBAC

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 180

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 181

An administrator has three VMs and each has been allocated two virtual CPUs. VM1 and VM2 have CPU shares set to normal priority. VM3 has CPU shares set to high priority. All three VMs are running CPU intensive workloads and begin to contend for CPU resources. If VM1 and VM2 are effectively given 1600 MHz each, which when combined represents 50% of the available processing power, VM3 will be given:

- A. 1600 MHz.
- B. 1800 MHz.
- C. 2400 MHz.
- D. 3200 MHz.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 182

An administrator allocates 50GB on a SAN for use by a server. Which of the following describes what the administrator has just created?

- A. Virtual SAN
- B. Storage array
- C. VMFS
- D. LUN

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 183

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 184

Joe, a system administrator, has noticed that a remote facility has entries in his 3-year-old slave LDAP server that has not been updated from its master in about a month. Which of the following failures is MOST likely to have occurred?

- A. Replication from the master site to the remote site has failed.
- B. Replication has not been configured.
- C. Replication to the master site from the remote site has failed.
- D. There is high latency on the replication connection.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 185

A system administrator has a distribution switch with four uplinks to the core switch in a single aggregated link. The aggregated link requires all four connections to be up to function. Which of the following is this MOSTLY an example of?

- A. Fault tolerance with multipathing
- B. Load balancing with high availability
- C. Load balancing without high availability
- D. High availability with multipathing

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 186

A system administrator has a pool of employees using VMs that have a low business value. Which of the following would MOST likely be an appropriate allocation of host resources for this pool?

- A. Limiting the amount of virtual drive space, CPU use, and memory allocation the pool can use.
- B. Reserving the number of virtual NICs, VHBAs, and licenses the pool can use.
- C. Reserving the amount of virtual drive space, CPU use, and memory allocation the pool can use.
- D. Limiting the number of virtual NICs, VHBAs, and licenses the pool can use.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 187

A system administrator can no longer easily control a remote hypervisor because the workstations mouse is broken. Which of the following remote access tools is the system administrator using?

- A. Local console port
- B. RDP
- C. Telnet
- D. SSH

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 188

An administrator is tasked with writing the company disaster recovery plan in the event the hosting company experiences a catastrophe. Which of the following should be included? (Select TWO).

- A. Fire safety signage
- B. Fire exits
- C. Door closures and time-delay door alarm
- D. Risk assessments
- E. Contingency plan and test protocols

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 189

An administrator is designing a VM cluster to support a new testing department in the company. This department will require high availability and the ability to migrate VMs with little impact to other network

functions within the department. The infrastructure available for the department supports a 1GB internal backbone upon which virtual switches are being configured. Which of the following network designs would meet the criteria for the department?

- A. Assign the migration VLAN, management VLAN and storage VLAN on one virtual switch port and a client VLAN on a separate virtual switch port
- B. Assign the migration VLAN, management VLAN and client VLAN on one virtual switch port and assign the storage VLAN on a separate virtual switch port
- C. Assign the migration VLAN and client VLAN on one virtual switch port, and the management VLAN and storage VLAN on one virtual switch port
- D. Assign the migration VLAN, management VLAN, client VLAN and storage VLAN all on separate virtual switch ports

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 190

A Chief Information Officer (CIO) has established a budget for the IT department that allows for 30% of the company's IT infrastructure to be upgraded on an annual basis. The engineer in the IT department must identify which equipment requires immediate attention for upgrades, which equipment can function in the near term, and which equipment can be considered in the long term for upgrades. Which of the following describes the policy the engineer must develop?

- A. Configuration management plan
- B. System management plan
- C. Asset maintenance plan
- D. Life cycle management plan

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 191

An administrator is building a sandbox environment. There is one host assigned to the resource pool with eight CPU cores available. There will be two highly utilized, identical virtual application servers and three virtual desktops running in this environment. One of the virtual desktops will be running a new management application for the environment. Which of the following is the BEST recommended configuration for the sandbox environment?

- A. Configure the management virtual desktop with three CPUs, and the other virtual desktops with one CPU each; configure one application with two CPUs and the other application server with one CPU
- B. Configure the application servers with two CPUs each; configure two virtual desktops with one CPU each and two CPUs for the management virtual desktop
- C. Configure the virtual desktops with two CPUs each; configure the application servers with one CPU each
- D. Configure one application server with three CPUs and the other with two CPUs; configure the virtual desktops with one CPU each

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 192

A network engineer is investigating slow response times for queries to a cloud-hosted database. The switch configurations show that there are several traffic bottlenecks. Which of the following should the engineer implement to BEST solve the problem and prevent future issues?

- A. Add a router to the network to increase traffic paths
- B. Migrate the cloud-hosted database to a type II hypervisor
- C. Configure QoS on the network switches to alleviate bottlenecks
- D. Configure QoS on the virtual desktop

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 193

The administrator of an organization needs to configure a VM to be able to communicate on the physical network connected to the host. Which of the following steps **MUST** the administrator perform?

- A. Bridge the virtual NIC
- B. Create a route on the virtual router
- C. Assign the virtual NIC to the same virtual switch as the host
- D. Assign the virtual NIC to the same VLAN as the host

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 194

Which of the following **BEST** describes the process of mapping storage initiators to targets?

- A. Access control lists
- B. Zoning
- C. LUN masking
- D. Obfuscation

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 195

Which of the following describes a best practice for placement of VM swap files in a virtualized environment?

- A. Place them on the same datastore as the OS
- B. Place them on the same datastore as the data
- C. Place them on their own datastore
- D. Place them on the local disk of the VM host

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 196

A new WAN connection was recently installed between the primary datacenter and secondary datacenter for disaster recovery purposes. The network technician performed testing of the circuit and observed poor throughput performance. Which of the following is MOST likely the cause?

- A. Latency
- B. NIC failure
- C. Caching
- D. Compression

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 197

Requiring all SaaS vendors to perform updates to systems within the customers datacenter is an example of which of the following types of cloud delivery services?

- A. Off premise hosting
- B. On premise hosting
- C. Orchestration platforms
- D. Hybrid delivery models

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 198

Which of the following is bridged and sends packets on the wire with its own unique MAC address?

- A. Virtual PBX
- B. Virtual Switches
- C. VLAN
- D. Virtual NIC

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 199

Which of the following cloud services provides application isolation?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 200

Which of the following types of virtual components performs Layer 3 functions between networks in a virtualized environment?

- A. Virtual switch
- B. Virtual router
- C. Virtual NIC
- D. Virtual HBA

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 201

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

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 202

A network administrator was tasked with creating several new subnets which will support 30 virtual hosts per subnet. Which of the following VLANs below would be used to support those hosts?

VLAN 100 192.168.1.0/30
VLAN 200 192.168.1.0/29

VLAN 300 192.168.1.0/26
VLAN 400 192.168.1.30/32

- A. 100
- B. 200
- C. 300
- D. 400

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 203

Users report that they are unable to access the Internet. The network administrator notices spikes of traffic during the outage reports. Which of the following will MOST likely need to be upgraded to allow more traffic and will help avoid further outages?

- A. MAN connections
- B. Bandwidth
- C. Latency
- D. LAN connections

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 204

Users report that they are unable to access a virtual server. Which of the following commands would allow the network administrator to verify the current network settings within the virtual server?

- A. nbtstat
- B. tftp
- C. telnet
- D. arp
- E. ping
- F. ipconfig

Correct Answer: F

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 205

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

- A. DNS
- B. FTP

- C. NTP
- D. DHCP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 206

A network administrator needs to manage a virtual switch remotely in a secure manner. Which of the following tools would MOST likely be used?

- A. RDP
- B. SNMP
- C. SSH
- D. Telnet

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 207

Which of the following is an access control type that requires a username and password along with a hardware token?

- A. SSO
- B. Single-factor
- C. RBAC
- D. ACL
- E. Multifactor

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 208

The IT department has had problems coping with the demand of service provisioning and deprovisioning. If the IT department implements a cloud computing platform, which of the following would improve their productivity?

- A. On-demand self-service
- B. Multi-tenancy
- C. Scalability
- D. Elasticity

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 209

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 210

Which of the following mitigates newly found vulnerabilities within software for an environment?

- A. Patching
- B. Clustering
- C. Elasticity
- D. Scaling

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 211

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 212

Which of the following would be the FIRST choice to encrypt a laptop hard drive?

- A. DES
- B. TDE
- C. AES
- D. SSL

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 213

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 214

Which of the following refers to the maximum amount of data that can be lost due to a system failure?

- A. MTBF
- B. RTO
- C. MTTR
- D. RPO

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 215

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

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 216

A company that provides IaaS to small business organizations needs to allow customers to control the power state of their virtual machines. Which of the following should be implemented to accomplish this task?

- A. Grant limited access to the hypervisor management interface
- B. Grant limited access to the host power managing infrastructure
- C. Allow Wake-on-LAN packets on the firewall
- D. Configure customers VMs to be in an always-on state

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 217

An administrator is planning to implement multipathing for IP-based storage. Which of the following protocols can be used in this configuration?

- A. NFS
- B. iSCSI
- C. FC
- D. FCoE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 218

Which of the following, in conjunction with IPSec, can be configured to provide secure access to files on a NAS?

- A. iSCSI
- B. CIFS
- C. FCoE
- D. SSH

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 219

A system administrator is planning storage infrastructure to store backup copies of virtual machines that are at

least 5GB in size. Which of the following file systems can be used in this scenario? (Select TWO).

- A. SMB
- B. RAW
- C. EXT
- D. FAT
- E. NTFS

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 220

Which of the following can be used to enable out-of-band management of a Windows-based host?

- A. IPMI
- B. WMI
- C. SMTP
- D. SNMP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 221

An administrator notices that the mouse does not perform as expected within a VM. Which of the following might improve the performance of the mouse?

- A. Install a 64-bit OS within the guest.
- B. Enable USB port mapping.
- C. Replace the mouse on the host server.
- D. Install the virtualization guest software.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 222

A recently deployed VM is running a Human Resource (HR) application on the HR network. Workstations in the accounting department can access the Internet and other accounting servers, but are unable to ping the new VM. Which of the following must be enabled for the accounting department to access this HR application?

- A. The computers must be granted read rights to the VM.
- B. Replace the accounting workgroup switch.
- C. VLAN routing should be enabled on the router.
- D. Disable port security on the HR workgroup switch.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 223

An administrator deployed a VM that is hosting an internal website. Users report they are unable to access the new website. Which of the following should the network administrator do to test whether web traffic is being sent and received?

- A. Browse to any website
- B. Ping the VMs IP address
- C. Ping the VMs loopback address
- D. Telnet to port 80

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 224

Which of the following would be used to advertise a public IP address on redundant WAN circuits?

- A. BGP
- B. UDP
- C. OSPF
- D. ICMP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 225

A company has deployed a website which is mirrored at a secondary datacenter. Which of the following should be changed to route users to the secondary datacenter in case of a primary site failure?

- A. Virtual address
- B. DNS record
- C. ARP table
- D. Disaster recovery plan

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 226

A security administrator is being hired to perform a penetration test of a third-party cloud provider as part of an annual security audit. Which of the following is the FIRST step that must be performed?

- A. Attempt known exploits
- B. Scan for vulnerabilities
- C. Research publicized incidents
- D. Get written permission

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 227

A bare metal hypervisor runs:

- A. On a virtual database server.
- B. On a virtual machine.
- C. Directly on a physical machine.
- D. On top of another operating system.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:



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