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Comptia SK0-004



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Exam A

QUESTION 1

A company has hired a consultant to review the production storage infrastructure and provide suggestions on improving performance. The consultant has identified a bottleneck in the production switching fabric and successfully tested the solution in a lab environment. Which of the following should the consultant perform NEXT, according to best practices?



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- A. Implement the solution in production since it was tested in the lab.
- B. Establish a plan of action to implement the solution in production.
- C. Perform a root cause analysis of what caused the bottleneck.
- D. Establish a theory describing the possible issue in the production network.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Which of the following involves finding and correcting the MOST important reason for performance issues?

- A. Root cause analysis
- B. Replicating the problem
- C. Defining preventative action
- D. Theory of probable cause

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

A system administrator needs to rebuild a server by booting to the OS DVD. The server powers up but attempts to boot from the network. Which of the following is the MOST likely source of the problem?

- A. Incorrect media type
- B. Driver failure
- C. Incorrect mount point
- D. Memory failure

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

A technician is asked to troubleshoot a server that constantly reboots. There are no error messages displayed on the server. Which of the following should the technician check?

- A. Cooling failure
- B. Cable mismatch
- C. BIOS driver failure
- D. Port conflict

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

A technician receives an error message when trying to boot the server stating the operating system was not found. Change management logs indicate a new hard drive backplane was installed in the server last night. Which of the following should the technician do FIRST when troubleshooting the issue?

- A. Check system board cables
- B. Rebuild RAID array

- C. Reinstall server OS
- D. Remove newly installed hardware

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

A database server stops responding to requests, and the administrator suspects that the server is experiencing memory faults during heavy network traffic and database access. Which of the following is the FIRST troubleshooting step?

- A. Check the security log.
- B. Check the application logs.
- C. Check the debug report.
- D. Check the POST error log.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

A technician is troubleshooting a Linux server and wants to inspect the free disk space on the /dev/sda partition of the system. Which of the following command line tools should the administrator run to view available disk space on the partition?

- A. dd
- B. du
- C. ls
- D. df

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

A system administrator notices that a server is consistently getting slower and less responsive the longer it has been since the last reboot. Once the server is rebooted, the system performs at the expected baseline, but starts slowing down again until the system is unresponsive. Which of the following is the MOST likely cause of this problem?

- A. OS performance misconfiguration
- B. Service/application memory leak
- C. Incorrect server resource specifications
- D. Corrupted application files

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Users on a network segment report that they are unable to connect to a newly installed file server. The file server IP address settings are as follows:

IP address: 10.0.10.254
Subnet Mask: 255.255.255.0
Default Gateway: 10.10.10.1

Which of the following changes should the server administrator make?

- A. Change the IP address on the server to 10.10.0.254.
- B. Change the IP address on the server to 10.10.10.254.
- C. Change the default gateway on the server to 10.10.10.254.
- D. Change the subnet mask on the server to 255.255.0.0.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

A technician is troubleshooting an issue with a new server, which is unable to download OS patches from the Internet. The technician reviews the following configuration:

Ethernet Adapter Local Area Connection:
Connection-specific DNS Suffix . : comptia.org
Link-local IPv6 Address : fe80::c95:3f59:1a01:c050%11
IPv4 Address : 192.168.10.20
Subnet Mask : 255.255.255.128
Default Gateway : 192.168.10.129

Which of the following is the reason that the server is unable to connect to the Internet?

- A. Incorrect default gateway
- B. Invalid IPv6 address
- C. Wrong subnet mask
- D. Misconfigured DNS suffix

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

A new DHCP server is placed on a network segment during off hours. When work resumes, users on a different network segment report connectivity issues. Users on the same network segment report no connectivity issues. Which of the following is the MOST likely reason for the connectivity issues?

- A. The DHCP server was configured without specifying a WINS server address for the users.
- B. The DHCP server was configured without specifying a DNS server address for the users.
- C. The DHCP relay agent was not configured on the adjacent network segment.
- D. The DHCP server was configured to use private IP addressing to all network segments.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

A server administrator is notified that all three hard disks in a server array have failed. Which of the following is the MOST likely cause?

- A. Incompatible BIOS
- B. Backplane failure
- C. Cache battery failure
- D. Incorrect firmware version

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

When troubleshooting a failed backup, a technician runs the backup using the same tape but on a different tape drive in the same tape library. The backup fails again. Which of the following should be the FIRST item the technician should examine as a failure?



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- A. Tape drive
- B. Tape library
- C. Tape media
- D. Tape capacity

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

An administrator is securing a secure web server by disabling ports. After completing this process, clients cannot access the secure web server. The administrator should now go back and verify whether which of the following ports is enabled?

- A. 23
- B. 389
- C. 443
- D. 445

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

A server technician is investigating a potential data breach. It is believed that the breach occurred via telnet access. Which of the following could validate this hypothesis?

- A. Port scanner
- B. Cipher tools
- C. Checksum analyzer
- D. TDR

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

Users report that an application is unable to connect to a server on the same network segment. Which of the following is the MOST likely reason?

- A. The external firewall is preventing access to the server.
- B. The DMZ is incorrectly configured.
- C. The syslog server detects malware on the server.
- D. The application is using a port that is closed on the server.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

A technician is replacing a faulty NIC in a server. According to best practices, which of the following should be used to configure the IP address on the server?

- A. DNS reservation
- B. DHCP IP address
- C. DHCP reservation
- D. Static IP address

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

A technician needs to add a processor to a server. Which of the following specifications should the technician examine? (Select THREE).

- A. Bus multiplier
- B. Processor speed
- C. Socket type
- D. Processor stepping
- E. L3 cache size
- F. Thermal specifications

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

A server's runtime during power outages is too short to shut down properly. A system technician is asked to remediate the problem. Which of the following would be the result of adding additional batteries to the UPS?

- A. Increased load balancing
- B. Extended uptime
- C. Greater efficiency
- D. Increased power output

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A system administrator wants to assure that a server is responsive. Which of the following networking tools should the administrator use to verify network connectivity?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

Two new applications have been added to a working server. The server response is now very slow. An appropriate plan of action is to:

- A. uninstall each server application and reinstall the two new applications.
- B. install another application to see if this improves the server response time.
- C. install antivirus and malware software.

D. uninstall the newly installed applications one at a time.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

Which of the following is the core software application that manages computer virtualization?

- A. Hypervisor
- B. Hyperthreading
- C. Console
- D. KVM

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

Which of the following is a requirement for a server to allow guests to be installed on a hypervisor host?

- A. Processors with multiple cores
- B. Processors with available cache
- C. Processors that support virtualization
- D. Processors that support hyperthreading

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

Swap space or page file is reserved on the:



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- A. motherboard.
- B. memory.
- C. hard disk.
- D. CPU.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

An administrator needs to deploy 1000 servers in a short period of time. Which of the following deployment methods will expedite the OS installations?

- A. Use disk duplicating software.
- B. Use USB disk images to deploy servers.
- C. Use a disk replicator.
- D. Use PXE boot to retrieve an image.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

Which of the following are required characteristics of database servers in high transaction environments? (Select THREE).

- A. Two-factor authentication
- B. High bandwidth
- C. Higher RPM drives
- D. Load balancing
- E. High latency
- F. Hotswappable drives
- G. Encryption

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

A network administrator is installing additional devices on the network. Currently, the network segment is utilizing all allocated IP addresses. If there are additional addresses available, which of the following would be BEST for the network administrator to perform to accommodate the new network devices?

- A. Create a new DHCP scope for the network segment in question.
- B. Configure the DHCP server for IPv6.
- C. Configure the network to use NAT for the network segment in question.
- D. Increase the size of the DHCP scope for the network segment in question.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

Which of the following allows virtual machines to share the NIC of the host?

- A. Virtual LANs
- B. NAT
- C. Bridging
- D. Virtual NICs

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

An administrator is asked to change a configuration using a GUI on a Windows server, but does not have access to a KVM. Which of the following is BEST to make the change?

- A. SSH
- B. SCP
- C. RDP
- D. NTP

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

Several of the finance department computers are experiencing timeouts while in their financial program. The program will not open or close; however, the previous day the program was running without issues. Which of the following is MOST likely the cause of this problem?

- A. Service priority
- B. Rogue processes
- C. Firewall problem
- D. Processor affinity

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

A system administrator is troubleshooting a network connectivity issue and runs ipconfig/all on the host. The command returns the following:

IPv4 Address: 169.254.0.12

Subnet mask: 255.255.0.0

The client is configured for DHCP. Which of the following commands should be run on the client to resolve this issue? (Select TWO).

- A. ipconfig/release
- B. tracert
- C. ipconfig/flushdns
- D. ipconfig/renew
- E. ipconfig/showclassid
- F. nslookup

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

A technician is assigned a task to configure a new server with six hard drives. The senior administrator requested the technician utilize the drives for maximum fault tolerance. Which of the following RAID configurations should the technician use?

- A. RAID 3
- B. RAID 5
- C. RAID 10
- D. RAID 0

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

Two RAID arrays are created from eight disks. One is created using RAID 6, the other is created using RAID 5 with a hot spare. Which of the following is the operational difference between these configurations?

- A. RAID 6 has the ability to recover from two disks simultaneously failing.
- B. The RAID 5 array will be significantly faster than the RAID 6 array.
- C. The RAID 6 array will be significantly faster than the RAID 5 array.
- D. RAID 6 has a higher storage capacity than RAID 5.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

A datacenter technician encounters a power receptacle labeled NEMA L5-30. Which of the following powers is this socket rated for?

- A. 115v 30 amp
- B. 208v 30 amp
- C. 220v 1 phase
- D. 440v 3 phase

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

A technician is experiencing overheating on a rack mounted server. After powering off and removing the cover of the server, a large amount of dust is noticed on one of the fans. After cleaning out the dust and powering the server back on, the server is still overheating. Which of the following would BEST explain this issue?

- A. The power supply has failed.
- B. The server is using excessive power.
- C. The hard drives are running too hot.
- D. Some of the cooling fans are defective.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

A technician notices a rack mounted server is beeping without booting up. The NEXT step to diagnose this issue would be to:

- A. continue to power cycle the server until it boots normally.
- B. count the beeps and reference the service manual.
- C. disable the alarm within the server.
- D. install the server into a different rack.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

A server technician has been tasked with purchasing cables and connectors for a new server room. The server room consists of one switch, two servers, and one IP telephone. Which of the following types of cables and connectors should the technician purchase?

- A. Coaxial cable and BNC connectors
- B. Straight through Ethernet cable and RJ-45 connectors
- C. Silver satin and RJ-11 connectors
- D. Crossover Ethernet cable and RJ-11 connectors

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

Which of the following is a basic difference between DAS and NAS?

- A. NAS requires fibre channel; DAS does not.
- B. NAS is faster than DAS when using NFS.
- C. DAS operates its own OS; NAS does not.
- D. DAS is directly connected to a server; NAS is connected via IP networking.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

A technician is tasked with providing network-based high availability to a pair of identical web servers. Which of the following minimum server NIC configurations fulfills these requirements?



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- A. Two physical NICs per server: one NIC configured for multicast and one for broadcast.
- B. One physical NIC per server: each individual NIC configured for network load balancing.
- C. Two physical NICs per server: one NIC for network traffic, and one for web traffic.
- D. One physical NIC per server: each NIC configured with the same MAC and IP address.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

A system administrator is concerned with employees connecting removable storage to the server to copy sensitive data. Which of the following solutions addresses

this concern?

- A. Disable write access
- B. Disable WOL
- C. Disable TPM
- D. Disable physical ports

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

Which of the following is a reason to have a remote cold site readily available in case of a disaster in the primary datacenter?

- A. It provides a company with a redundant location that mirrors the primary datacenter hardware but requires no data restoration.
- B. It provides a company with a backup location to install the necessary equipment to restore critical services.
- C. It provides a company with a backup location equipped with resources necessary for immediate restoration of critical services.
- D. It provides a company with a redundant location that mirrors the primary datacenter hardware and data.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

A server in a small company functions as a print server. Suddenly it stops sending print jobs to the printers. A technician verifies that the printers are working correctly. Additionally, the print spooler had been restarted and is running on the server, it is accessible from workstations, and it shows as being ready to accept print jobs. Which of the following has MOST likely caused the print server to stop processing print jobs?

- A. The print quota has been exceeded.
- B. The server needs an updated print driver.
- C. The server needs pooling enabled.
- D. The server's hard drive is out of space.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

A mission critical server has faulted with a dead 66 MHz 3.3V PCI-X network interface card. The system administrator has been directed to get the server functional as soon as possible, even if it is connected with less bandwidth. There are no onsite spare cards available and the vendor does not expect to have the parts for at least a week. Which of the following immediately available NICs could be substituted instead?

- A. 33 MHz 3.3V PCI
- B. 66 MHz 5V PCI
- C. 266 MHzx 3.3V PCI-X
- D. 533 MHz 5V PCI-X

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

Which of the following is the MOST energy efficient way of powering equipment within a datacenter with a large UPS battery bank?

- A. 48V DC
- B. 120V single-phase
- C. 240VAC 3-phase
- D. 480V 3-phase

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

A server is giving a fault code indicating that a RAM chip is producing errors and should be replaced. According to best practices, which of the following is the proper sequence of steps to replace the faulty module?

- A. Attach ESD protection, open server case, replace module, close server case, baseline configuration
- B. Open server case, baseline configuration, attach ESD protection, replace module, close server case
- C. Attach ESD protection, baseline configuration, open server case, replace module, close server case
- D. Open server case, replace module, attach ESD protection, close server case, baseline configuration

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

Which of the following protocols is used primarily for monitoring and managing network devices?

- A. SNMP
- B. SMTP
- C. FTPS
- D. NTP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

A number of users are indicating that access to a network file server is responding very slowly when reading or writing to the share. The server administrator notes that a drive has failed in a four-disk RAID 5 array. The array is running in a degraded state because no hot spare was configured. After replacing the failed disk, which of the following steps would be BEST to take to prevent slow response after a drive failure?

- A. Add a drive to the array, but do not configure it as a hot spare.
- B. Add an additional hard drive, and convert the volume to a RAID 6 configuration.
- C. Add an additional hard drive, and convert the volume to a RAID 10 configuration.

D. Add a drive to the array, and configure it as a cold spare.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

A server has been assigned a role of mail server. Which of the following services will be installed as a result of this selection?

- A. SNMP
- B. SMTP
- C. TCP
- D. DHCP
- E. SFTP

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

Which of the following server types stores the list of network usernames and passwords required for authentication?

- A. File server
- B. Directory
- C. DHCP
- D. SNMP

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

In a Windows environment, a user is able to access the network folder and open items, but is not able to delete anything. Which of the following folder permissions does the user require?

- A. Execute
- B. Read
- C. Write
- D. Modify

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

A system technician is tasked with destroying several hard drives that contain PII. Which of the following would be the BEST method for disposing of the drives?



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- A. Shred the hard drives.
- B. Complete a hard wipe.
- C. Perform a soft wipe.
- D. Delete the partition table.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

A technician needs to install six blade servers. Which of the following **MUST** a technician install along with the blades?

- A. Blade rail kits
- B. Blade shelves
- C. Blade enclosure
- D. Blade station

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

A server repeatedly crashes with a BSOD when running an application that uses a high amount of system resources. Which of the following hardware components **MOST** likely needs to be checked by a technician?

- A. Memory
- B. Hard drive
- C. RAID controller
- D. CPU

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

In authentication, which of the following represents something you have?

- A. Password
- B. Fingerprint
- C. Token
- D. PIN

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

A technician troubleshooting a mail server determines that the server is low on available hard drive space and needs an additional hard drive installed. The server will need to be offline for the hardware installation. Which of the following troubleshooting steps should the technician do NEXT?

- A. Notify impacted users of the scheduled maintenance.
- B. Implement one change at a time.
- C. Collect additional information.
- D. Document findings, actions, and outcomes.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

In a PKI, which of the following represents the top level of a certificate authority?

- A. Root CA
- B. Intermediate CA
- C. Subordinate CA
- D. Delegated CA

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

A server has a faulty hard drive, and the administrator needs to replace the hard drive while it is running. The server needs to support which of the following drives?

- A. Hot swappable
- B. Hot spare
- C. SAS
- D. USB
- E. Firewire

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

After successfully authenticating to a remote server, a server administrator is presented with an interactive command line with no graphical interface. Which of the following protocols did the administrator MOST likely use to securely connect to the remote server?

- A. SSH
- B. Bash
- C. Telnet
- D. FTP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

A company has 700 servers installed in 50 server racks in the datacenter. The Chief Technology Officer issued a memorandum to the IT department with a directive to reduce power and cooling consumptions by 50% in the datacenters. Which of the following should the system administrators recommend?

- A. Implement 208V 3-phase servers
- B. Implement hot aisle / cold aisle
- C. Virtualize the servers in the datacenter
- D. Replace each server with a blade server

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

Which of the following protocols can be used to query for host, user, and group information for clients?

- A. LDAP
- B. DNS
- C. DHCP
- D. SNMP
- E. SCP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

A technician is backing up 10 GB of data on a file server to a 250 GB external USB hard drive. After 4 GB has been backed up, the software generates an error that the size of the backup exceeds the file limit. Which of the following file system types is being used?

- A. FAT32
- B. NTFS
- C. VMFS
- D. ZFS

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

A system administrator is tasked to enable authentication on a web server's login page. One of the requirements for the web server is to encrypt authenticated sessions over HTTP protocol for all static HTML pages. Using the information supplied, which of the following default port numbers should be used to satisfy these requirements?

- A. 53
- B. 8080
- C. 143
- D. 443

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

An administrator decides to implement access control techniques to secure a datacenter. Which of the following would be the STRONGEST technique for the administrator to use?

- A. Multifactor authentication
- B. RFID chip
- C. Cipher locks
- D. Bollards

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

An administrator needs to create two websites. One website must only be used by internal users and the other website must be a corporate website accessible externally by customers. Which of the following website types is needed?

- A. Extranet for users and intranet for customers

- B. Internet for users and extranet for customers
- C. Intranet for users and extranet for customers
- D. Extranet for users and extranet for customers

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 65

A host server in a small business environment does not have virtual switching configured. The NIC on a guest is configured with an IP address that is on a different subnet from the host server. Which of the following would MOST likely happen in this case?



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- A. The guest will not have network access to the host or network resources.
- B. The guest would have access to all network resources.
- C. The guest would have network access to everything but the host.
- D. The guest will have network access to the host server.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 66

A system administrator has a database server that crashes at random times. No changes have been made to either the server's software or hardware. Which of the following is the FIRST step the administrator should take towards resolving this issue?

- A. Establish an action plan.
- B. Perform a root cause analysis.

- C. Document the findings.
- D. Identify the problem and scope.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

An administrator was tasked to enforce disk quotas on the Windows file server. The administrator allocated 1GB of space to each user. A month later, the users were still able to save beyond 1GB. Which of the following check boxes should have been selected?

- A. Enable compression
- B. Prohibit read/write if limit is reached
- C. Deny access if limit is reached
- D. Log an event if disk space is reached

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 68

A network administrator installs a new web server and notices that the server was configured with one quad-port NIC. In order to properly provision the hardware resources, how should the NIC be configured?

- A. Assign at least one IP address to each port
- B. Assign multiple IP addresses to one port
- C. Assign one IP address to the quad-port NIC
- D. Assign a single IP address to all four ports

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 69

Which of the following graphically depicts the movement of information within a system?

- A. Site survey diagram
- B. Dataflow diagram
- C. Architectural diagram
- D. Network diagram

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 70

A system administrator has just performed a backup. Which of the following should the administrator perform to easily identify the backup tape?

- A. Label the tape
- B. Mount the tape in the drive
- C. Place the tape in the rack
- D. Update the site log

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

A technician is tasked with creating a test system containing non-critical data. The technician has limited hardware, but needs maximum performance. Which of the following RAID levels should the technician use?

- A. 0
- B. 1

- C. 5
- D. 10

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

An older server has performance problems writing files to a RAID array. After checking for failed drives, no problems are found. Which of the following should be checked NEXT?

- A. The cooling system
- B. The cache battery
- C. The hard drive tray
- D. The hard drive cables

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 73

Which of the following factors would cause a technician to select a hard drive over an SSD as a primary storage medium?

- A. Speed
- B. Power consumption
- C. Form factor
- D. Cost

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 74

Which of the following describes a rack mounted server that is 2 rack units (2U) in height?

- A. 2.5 inches (6.35 cm)
- B. 3.0 inches (7.62 cm)
- C. 3.5 inches (8.89 cm)
- D. 4.0 inches (10.16 cm)

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 75

Which of the following describes an alternate site where only the infrastructure (building, power, cooling) has been established?

- A. Mirror site
- B. Warm site
- C. Hot site
- D. Cold site

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 76

An administrator has a UPS rated at 200 amps per hour. Which of the following is the maximum runtime of this UPS when hooked up to a server drawing 400 amps per hour?

- A. 15 minutes
- B. 30 minutes
- C. 60 minutes

D. 120 minutes

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 77

A technician is tasked by an administrator to patch a virtual machine. The technician needs to ensure that in case of failure, recovery of the virtual machine will be possible. Which of the following recovery principles should the technician employ?

- A. Incremental
- B. Snapshot
- C. Bare metal
- D. Selective

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 78

An administrator would like to determine what port and services are running locally on a server. Which of the following Windows command lines and shell tools should the administrator use? (Select THREE).

- A. get-services
- B. show ports
- C. sc query
- D. netstat
- E. vmstat
- F. show services

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 79

Which of the following is the number of 7-inch high servers that can be installed in a 42U rack?

- A. 4
- B. 5
- C. 10
- D. 12

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 80

A server administrator has been given the following information from the network team in order to configure IP addresses on a new server:

Network Address: 199.90.10.32/28

The network team also instructed the server administrator to use the LAST usable address on the given network. Which of the following IP address/subnet mask combinations should the server administrator use?

- A. 199.90.10.49, 255.255.255.240
- B. 199.90.10.47, 255.255.255.224
- C. 199.90.10.47, 255.255.255.240
- D. 199.90.10.48, 255.255.255.240

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 81

A technician performs monthly backups on a file server to a NAS device that can hold 1TB of data. The size of the monthly backups has been as follows:

Month 1 = 50GB

Month 2 = 65GB

Month 3 = 80GB

Starting with Month 1, based on the current rate of growth, in how many months will the NAS run out of available storage space?

- A. 4
- B. 5
- C. 9
- D. 11

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 82

A technician is installing a rack mounted server into a rack in a datacenter with CRAC units and blanking panels. Blanking panels are used to:

- A. lower the UPS power requirements.
- B. limit airflow leakage in the rack.
- C. limit the amount of servers that will fit into the rack.
- D. color match the server color.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 83

An administrator has been tasked with consolidating six individual servers into one blade enclosure. The administrator completed the task successfully. A week later, all of the blades would not boot properly. Which of the following would MOST likely be causing this issue?

- A. The blade servers are faulty.
- B. The network module on the blade enclosure is faulty.
- C. The backplane of the enclosure is faulty.
- D. The management modules in the enclosure are faulty.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 84

An administrator purchases a new server, which contains only one Xeon processor. This server is also known as a:

- A. load balancing server.
- B. multicore server.
- C. redundant server.
- D. single-core server.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 85

A technician is concerned about memory data corruption in a server. Which of the following memory types should be considered?

- A. Static
- B. SDRAM
- C. Dynamic
- D. ECC

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 86

A server administrator wants to upgrade the memory of the server using two memory modules. The server has two banks of memory with the following slots available: A2, A3, A4, B2, B3, and B4. In which of the following two slots should the administrator install the additional RAM?



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- A. Slots A2 and A3
- B. Slots A2 and B2
- C. Slots A2 and B4
- D. Slots B2 and B3

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 87

A technician is upgrading the memory in a server. The server requires DDR3 Registered DIMMs. The server has four banks of three slots for memory and currently there is one 2GB module in each bank. When the technician attempts to add eight more 4GB modules of DDR3 unbuffered ECC memory, the memory does not fit in the slots. Which of the following is the cause of this issue?

- A. In a bank, 2GB and 4GB memory cannot be mixed.
- B. The server cannot use ECC memory.
- C. The server requires fully buffered memory.
- D. The total memory on the server cannot exceed 24GB of RAM.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 88

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Which of the following power plug types would MOST likely be found in a medical facility?

- A. Tip/Ring/Sleeve
- B. Speed lock
- C. Tip/Ring
- D. Twist lock

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 89

Which of the following is a benefit of using raised floors with specially configured tiles in a server room?

- A. To provide for heat dissipation using forced air through the sub-floor.
- B. To provide for liquid cooling systems through the sub-floor.
- C. To provide a location for baffles or shrouds in the sub-floor.
- D. To provide a location for redundant power supplies in the sub-floor.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 90

A technician is installing a 2U rack mount server. The necessary rack space height to accommodate the server is:

- A. 2.5 inches (.064 meter).
- B. 3.0 inches (.076 meter).
- C. 3.5 inches (.089 meter).
- D. 4.0 inches (.10 meter).

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 91

A system technician is asked to create a test environment that will consist of 45 computers and a file server. Which of the following types of servers is BEST suited for IP management in the lab network?

- A. Domain Name Service
- B. Window Internet Naming Services
- C. Dynamic Host Configuration Protocol
- D. Routing and Remote Access

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 92

Which of the following server types is commonly used for authentication and credential storage?

- A. File server
- B. Directory server
- C. Web server
- D. DNS server

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 93

Which of the following services provide hostname to IP address resolution? (Select TWO).

- A. NTP
- B. NAT/PAT
- C. DHCP
- D. DNS
- E. WINS
- F. LDAP

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 94

A server technician needs to access a remote Unix server for administration. The technician has requested that ports 23, 25, and 161 be opened on the router. After the ports are opened, the technician is still unable to connect to the Unix server. Which of the following ports should be opened on the server to allow for remote administration?

- A. TCP 21
- B. TCP 22
- C. UDP 69
- D. TCP 3389

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 95

While performing routine testing of a hot standby site located at a remote hosting center, a system administrator is unable to access one of the server operating systems to verify functionality. Which of the following is MOST applicable to access the host?

- A. KVM over IP
- B. RDP over HTTP

- C. Secure shell
- D. Serial console access
- E. VNC

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 96

An administrator needs to control servers locally via a console. The administrator wants a rack mounted solution for easy access. Which of the following should be installed?

- A. iDRAC
- B. KVM
- C. ILO
- D. RDP

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 97

A technician is tasked with creating servers that are fault tolerant and highly available. Which of the following would be the BEST solution for this task?

- A. Load balancing
- B. Virtualization
- C. Clustering
- D. Round robin

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 98

A technician is asked to troubleshoot a hardware alert on a server. The server is up and running and all users can access their data. Which of the following could the technician use to find the failed component? (Select TWO).

- A. LEDs
- B. Dataflow diagram
- C. Power supply tester
- D. LCD messages
- E. Cabling diagram

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 99

A server administrator is creating a design for a new datacenter. The servers should be configured for maximum availability and also provide caching for user information requests. Which of the following techniques should be used?

- A. Active/Passive
- B. Round robin
- C. Heartbeat
- D. Active/Active
- E. Passive/Passive

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 100

A company is planning to replace old hardware and needs to budget accordingly. Which of the following is likely to contain a list of end of life servers?

- A. The server's warranty information.
- B. The server's life cycle schedule.
- C. The asset management database.
- D. The software licensing agreement.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 101

Historical data shows that on average, a server is likely to fail once every nine months. A company has purchased 24x7, four hour hardware response to replace a server's failed hardware. Additionally, the company can restore a server to its operational status within six hours from the time the failed hardware has been replaced. Which of the following describes this scenario?

- A. The company's MTTR is ten hours.
- B. Individual servers have 99.999% uptime.
- C. Service can be restored within four hours.
- D. The operational SLA is six hours.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 102

A system administrator is given a server with an existing OS installed and four empty SAS bays. The system administrator is asked to set up a new data drive for testing with 100GB of data. For the best possible performance, which of the following should the system administrator select for the data storage?

- A. SCSI
- B. SATA
- C. Solid state drive
- D. Flash drive

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 103

A server administrator has been asked to make recommendations for purchase of a new database server that will be processing all of the company accounts. One area of concern from prior experience is the storage type used by the database server. The server is expected to have a large number of transactions that occur, but will not require a large amount of capacity for the data storage. Given these requirements, which of the following storage criteria are MOST important? (Select TWO).

- A. Capacity
- B. RPM
- C. IOPS



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- D. Seek time and latency
- E. Form factor
- F. Bus width

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 104

An administrator has been tasked with making recommendations for purchasing new disks for a low I/O file server. Keeping in mind that budget and capacity are the primary concerns, which the following disk types should the administrator recommend?

- A. SATA

- B. FC
- C. SCSI
- D. SAS

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 105

When looking at an organization's file server configuration, an IT manager determines that several outages are tied to a lack of redundancy in the disk controller configuration. Which of the following features would the IT manager look for in a new configuration to correct this?

- A. Disk shadowing
- B. RAID 0
- C. Remote journaling
- D. Electronic vaulting
- E. Disk duplexing

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 106

A new server has two drives and a RAID controller. Which of the following is an option for configuring the storage on this server?

- A. RAID 0
- B. RAID 5
- C. RAID 6
- D. RAID 10

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 107**

A technician is installing a server using a two-channel RAID controller, using RAID1 for the first channel and RAID5 for the second channel. If the technician has six 1TB disks total, how will this configuration look?

- A. One disk RAID1, five disks RAID5
- B. Two disks RAID1, four disks RAID5
- C. Three disks RAID1, three disks RAID5
- D. Four disks RAID1, two disks RAID5

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:****QUESTION 108**

A server administrator implements external storage for a file server. At a later time, another administrator wants to extend this storage to a second server but is unable to connect to two servers simultaneously. Which of the following storage types was implemented by the first administrator?

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

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 109**

A technician is tasked with connecting a server to a NAS. Which of the following connection types should be used?

- A. HBA
- B. Ethernet
- C. Fiber Fabric
- D. Multiplexer

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 110

When using multifactor authentication, which of the following represents “something you have”?

- A. A password
- B. A PIN
- C. A fingerprint
- D. An ID card

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 111

A datacenter audit finds that a number of personnel are not using access cards when entering a secured area with a coworker. Which of the following security methods could be implemented to help prevent this behavior?

- A. Mantrap
- B. Keypad
- C. Smart card
- D. Security camera

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 112

A technician would like to restrict when internal hardware components on the server are accessed. Which of the following server hardening techniques should the technician implement?

- A. Intrusion detection
- B. BIOS password
- C. Chassis lock
- D. Disable WOL

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 113

An email administrator is tasked to setup a Linux mail server. One of the requirements is to close all ports except SSH, HTTPS, SMTP, POP3, and IMAP4. Which of the following commands should be used to see which ports are currently open on the mail server? (Select TWO).

- A. lsof
- B. netstat
- C. ipconfig
- D. traceroute
- E. ping
- F. dig

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 114

Which of the following authentication protocols could be used to authenticate network administrators at a datacenter to manage switches over a remote SSH connection? (Select TWO).

- A. LDAP
- B. TACACS
- C. RADIUS
- D. SNMP
- E. IPSec
- F. MSCHAP

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 115

An administrator is building a web server to host an online banking application. The server should not have access to the internal network, and only ports that are used by the application should be opened. Which of the following **MUST** be implemented to meet the business requirements?

- A. Add the server to the internal network and use IPSec to encrypt communication between the web server and other devices.
- B. Use an ISA server to block access to the internal network.
- C. Use VPN to block all ports that are not used by the application.
- D. Use the company firewall to block all ports that are not used by the application.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 116

A server administrator is configuring access control on a file server for an organization. The Human Resources manager is taking a leave of absence for three months, during which time an interim Human Resources manager will take over the duties of the position. Which of the following types of access control should be configured on the file server?

- A. MAC
- B. CBAC
- C. DAC
- D. RBAC

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 117

Which of the following methods should be used when classified or sensitive data is stored on a server?

- A. Directory encryption
- B. Whole disk encryption
- C. File encryption
- D. Partition encryption

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 118

A technician working in the datacenter has finished racking a new 4U server into a new rack. Which of the following should the technician do to allow for hot/cold aisle containment?

- A. Close the perforated floor tile in front of the new rack.
- B. Reset the rack temperature and humidity control.
- C. Install blanking panels in the rack.
- D. Lower the temperature of the data center HVAC.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 119

Two technicians are asked to install a 6U server at location U25 in a 40U server rack. The rack has been properly stabilized to the floor. Which of the following tools would BEST be used to install the server?

- A. A static strap.
- B. A server lift.
- C. A PDU.
- D. A UPS.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 120

A new file server is added to an existing network. Some users are able to connect to this server, while others are not. A partial network configuration on the server shows the following:

Link local: fe80::3000:aff:dea6:f8c/64

Which of the following BEST explains why some users cannot connect to the server?

- A. The users' workstations are configured to use DHCP.
- B. The users' workstations do not support IPv6.
- C. The users' workstations are not on the same network as the server.
- D. The user's workstations are configured with an incorrect subnet mask.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 121

A server technician is updating the operating system on a server. Currently, the server is running the following services:

DHCP

WINS

DNS

HTTP

The updated server will be used to allow clients to access Web services, resolve host names to IP addresses for mobile iOS clients, and provide network access to thin clients running a Linux operating system. Which of the following services can be removed?

A. DHCP

B. WINS

C. DNS

D. HTTP

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 122

A server administrator is bringing a new host online. After the initial OS installation and configuration, the administrator is unable to reach hosts on another subnet. The administrator is able to ping and access other hosts on the same subnet. Which of the following should the administrator check FIRST?



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A. Default gateway

B. Netmask

C. DNS A (AAAA) record

D. DNS reverse lookup entry

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 123

Which of the following services provides users with directory services?

- A. IMAP
- B. LDAP
- C. SFTP
- D. DHCP
- E. DNS

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 124

In order for a server to fully function as a web server, which of the following default ports should be open? (Select TWO).

- A. 22
- B. 80
- C. 443
- D. 445
- E. 631
- F. 8080

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 125

Which of the following default ports should be open on a server for remote administration?

- A. TCP 25
- B. TCP 389
- C. TCP 3128
- D. TCP 3389

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 126

Employees working for a company were harmed by toxic fumes during a fire. To prevent this from reoccurring, which of the following cable types is SAFEST to use?

- A. CAT6 cables
- B. Plenum cables
- C. Fiber cables
- D. Coaxial cables

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 127

The shortest time to recovery method in the event of a complete datacenter failure is to utilize a:

- A. warm site.
- B. hot site.
- C. cold site.
- D. private cloud.
- E. hybrid cloud.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 128

Which of the following replication methods is MOST appropriate when integrating data from multiple remote offices?

- A. Server to client
- B. Server to server
- C. Site to site
- D. Disk to disk

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 129

Server A hosts a mission-critical business application. The server has one disk and one NIC. The administrator has been asked to implement a solution to meet the business requirement that the application must maintain high availability, even in case of a hardware failure. Which of the following BEST meets this requirement?

- A. Configure failover clustering using Server A and a new server.
- B. Add multiple disks on the server and configure RAID 5.
- C. Add an additional NIC and configure the NIC as standby.
- D. Move the application to another server that has more resources.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 130

A user accidentally deleted a critical file. A technician tries to restore it from tape backup but receives an error that the file does not exist on the tape. Which of the following should the technician do FIRST?

- A. Verify that the correct tape is in the tape drive.
- B. Re-index the tape library.
- C. Schedule a differential backup to run now.
- D. Update the tape drive firmware.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 131

An administrator is validating disaster recovery mechanisms and wants to ensure backup data is usable and accurate. Which of the following should the administrator do?

- A. Backup verification and test restorability
- B. Label media for all backups
- C. Secure backup in safe location
- D. Keep all backups onsite close to the server

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 132

Which of the following troubleshooting methods would be performed after resolving an issue?

- A. Verify system connectivity
- B. Implement the solution
- C. Document findings
- D. Establish theory

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 133

A technician is working on a server that is experiencing network connectivity issues. The technician replaces the NIC on the server, but this does not resolve the issue. Which of the following troubleshooting steps should the technician do NEXT?

- A. Establish a new theory of probable cause
- B. Perform a root cause analysis
- C. Document findings, actions, and outcomes
- D. Identify additional changes to the server

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 134

A blade server indicates it has a failed hard disk in Slot 0. This is the third instance of Slot 0 disk failure in three months. Which of the following is the MOST likely cause of the failed hard disk in Slot 0?

- A. Host bus adapter
- B. Backplane
- C. Network interface card
- D. Central Processing Unit

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 135

After starting an operating system installation from DVD, a system administrator goes to work on another task and comes back to find the server back at the installation start screen. Which of the following should be done to correct this problem?

- A. Try installation again with a different DVD.
- B. Modify the device boot order in the BIOS.
- C. Monitor the operating system installation process completely this time.
- D. Swap the hard drive with a known working one.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 136

A server with a number of graphics cards installed was recently upgraded with additional graphics cards. Once the server is started, the system powers off unexpectedly. Prior to the upgrade, the server was stable and exhibited no odd behavior. Which of the following is the MOST likely cause of the problem?

- A. The card device drivers are out of date and need to be updated.
- B. The power supply cannot handle the additional power for the new cards.
- C. The operating system does not recognize the new cards.
- D. The cards are not compatible with the other server hardware.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 137

A user changed departments from sales to accounting. The user is unable to access the shared network drive containing the accounting department's files. Which of the following should a technician check?

- A. File permissions
- B. Folder redirections
- C. Local group policy

D. Encryption type

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 138

A user is unable to save an image file to their home directory on a server. The server technician checks the disk space and ACL on the user's home directory and finds that the user has enough space and required access to write to the directory. Which of the following is the MOST likely reason why the user is unable to save the file?

- A. The user is attempting to save a file with a prohibited file extension.
- B. There are too many open files on the server.
- C. The user does not have permission to save files to the server.
- D. The hard drive containing the user's home directory, is failing.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 139

A user in the accounting department reports that print jobs are not printing. A user in the software development department also cannot print to the same printer, but can print to two other printers on different print servers. Which of the following should be the administrator's FIRST step?

- A. Determine whether the server is out of virtual memory.
- B. Check whether the print spooler service has started.
- C. Reboot the print server.
- D. Have the users reboot their workstations.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 140

An administrator receives multiple reports that users cannot access a secure website hosted on a server the administrator manages. The administrator investigates and discovers that the reason users cannot access the secure site is because:



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- A. port 22 is closed.
- B. port 80 is closed.
- C. port 443 is closed.
- D. port 3389 is closed.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 141

Users on multiple network segments report that they are unable to retrieve email from a server. Which of the following commands will allow a server technician to ensure that the email service is running on the server?

- A. ifconfig
- B. ipconfig
- C. nbtstat
- D. netstat

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 142

A technician has completed the installation and configuration of a third email server. The technician has configured the firewall to permit email traffic, but the mail is only being received by the two older servers. Which of the following should the technician configure to ensure incoming email will be processed by all three servers?

- A. Enable NTP to ensure all three servers are synchronized.
- B. Configure IMAP on the new mail server.
- C. Add the DNS server option in DHCP.
- D. Update the MX record in DNS.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 143

A technician has connected a previously formatted ext4 eSATA drive to a Linux server. Given the following output:

```
Disk /dev/sdb: 1000.2 GB, 1000204886016 bytes
255 heads, 63 sectors/track, 382818 cylinders, total 1953525168 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x0009f31a
```

```
Device Boot Start End Blocks Id System
/dev/sdb1 * 20481 953525168 976761560 83 Linux
```

Which of the following commands should the technician use to make the partition available under /data/drive0?

- A. fdformat -type Linux /dev/sdbl -d /data/drive0
- B. ext2 0x0009f31a /data/drive0
- C. net use /data/drive0 /dev/sdb
- D. mount /dev/sdbl /data/drive0
- E. fdisk -l /data/drive0

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 144

An administrator sees a message in the system console that a drive is bad in the single-volume JBOD storage array. A few minutes later, a user calls the help desk to report an inability to read a file from a mapped drive. Which of the following should the administrator do?

- A. Swap out the failed drive and let the array rebuild.
- B. Allow the array rebuild automatically using the hotspare.
- C. Replace the failed drive and restore the data from the last backup.
- D. Reseat the failed drive and restore the array using the parity drive.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 145

A server has recently been configured as a network firewall. After the firewall was configured, users could no longer access a remote server. Which of the following, if properly configured on the firewall, will allow users to have secure access to the remote server? (Select TWO).

- A. Allow TCP port 21
- B. Allow TCP port 22
- C. Allow TCP port 23
- D. Allow TCP port 25
- E. Allow TCP port 161
- F. Allow TCP port 3389

Correct Answer: BF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 146

Multiple users report that an application attempting to open a file retrieved from a server reports that the file is corrupted. Which of the following applications can be used on the server to verify file integrity?

- A. Checksum
- B. Port scanner
- C. Cipher
- D. Anti-malware

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 147

A new version of the primary operating system used by a company has been released. Due to some significant changes in the OS, a system administrator wants to see which remotely accessible services are enabled by default to assess the security risk prior to upgrading to the new version. Which of the following utilities should the administrator use?

- A. Cipher program
- B. Port scanner
- C. Telnet client
- D. Packet sniffer

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 148

A technician has access to a recent full backup. Data has changed since the last backup. Which of the following provides the fastest restore while minimizing backup size?

- A. Bare metal

- B. Full backup
- C. Differential backup
- D. Incremental backup

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 149

An administrator thinks that a particular network connection is dropping packets. Which of the following tools would the administrator use to BEST identify where the packets are being dropped?

- A. `tracert`
- B. `ping`
- C. `nslookup`
- D. `netstat`

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 150

A system administrator has a database server that crashes at random times. No changes have been made to either the server's software or hardware. Which of the following is the FIRST step the administrator should take towards resolving this issue?

- A. Establish an action plan.
- B. Perform a root cause analysis.
- C. Document the findings.
- D. Identify the problem and scope.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 151

A network administrator installs a new web server and notices that the server was configured with one quad-port NIC. In order to properly provision the hardware resources, which of the following describes how the NIC should be configured?

- A. Assign at least one IP address to each port.
- B. Assign multiple IP addresses to one port.
- C. Assign one IP address to the quad-port NIC.
- D. Assign a single IP-address to all four ports.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 152

A new version of the primary OS used by a company has been released. Due to some significant changes in the OS, a system administrator wants to see which remotely accessible services are enabled by default to access the security risk prior to upgrading to the new version. Which of the following utilities should the administrator use?

- A. Cipher program
- B. Port scanner
- C. Telnet client
- D. Packet sniffer

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 153

An email administrator is tasked to set up a Linux mail server. One of the requirements is to close all ports except SSH, HTTPS, SMTP, POP3, and IMAP4. Which of the following commands should be used to see which ports are currently open on the email server? (Choose two.)

- A. lsof
- B. netstat
- C. ipconfig
- D. traceroute
- E. ping
- F. dig

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 154

A network administrator finds there are several users who cannot access a particular application. The application does not launch for the users. The network administrator finds the server has not been rebooted in 192 days. Which of the following is the MOST likely cause of these issues?

- A. Memory leak
- B. Low resources
- C. Slow OS performance
- D. Service failure

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 155

A server repeatedly crashes with a BSOD when running an application that uses a high amount of system resources. Which of the following hardware components MOST likely needs to be checked by a technician?

- A. Memory
- B. Hard drive
- C. RAID controller

D. CPU

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 156

A new server has a battery-backed RAID controller built onto the motherboard. Which of the following will occur if the RAID controller fails?

- A. The array configuration information will be lost.
- B. The battery will provide enough power to save the array information.
- C. All data stored on the array is lost.
- D. The array will continue to function in a degraded state.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 157

A network administrator is installing additional devices on the network. The network segment is currently utilizing all allocated IP addresses. If there are additional addresses available, which of the following would be BEST for the network administrator to perform to accommodate the new network devices?

- A. Create a new DHCP scope for the network segment in question.
- B. Configure the DHCP server for IPv6.
- C. Configure the network to use NAT for the network segment in question.
- D. Increase the size of the DHCP scope for the network segment in question.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 158

Which of the following represents the directory permissions to provide least privilege for publicly readable directories on a Unix web server?

- A. rwxrwxrwx (777)
- B. rwxrwx-w- (772)
- C. rwxrwxr-x (775)
- D. rwxrwx-x (771)

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 159

A newly hired administrator is tasked to change the number of CPUs assigned to a VM. Which of the following if the FIRST step the administrator should do during a scheduled maintenance window?

- A. Create a snapshot.
- B. Back up the host.
- C. Shut down the guest.
- D. Shut down the host.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 160

Which of the following describes a root cause analysis?

- A. Identify the circumstances that initiated the problem.
- B. Replicate the problem in a test environment.
- C. List necessary corrective actions for the problem.
- D. Confirm the theory of probable cause.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 161

An administrator needs to reconfigure a Linux server's OS. Which of the following tools can the administrator use to access a command shell over the network? (Choose two.)

- A. Connect with SSH
- B. Connect with RDP
- C. Connect with VNC



- D. Connect with BASH
- E. Connect with FTP

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 162

An administrator is using IPv4 on all servers. If a new technician installs only IPv6 on a workstation, which of the following servers will the workstation be able to access?

- A. DHCP server
- B. Domain controller
- C. No servers

D. DNS server

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 163

Which of the following hypervisors is physically installed on a server?

A. Type 1

B. Type 2

C. VDI

D. Hybrid

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 164

A server has two power supplies. If power is lost to the second power supply, which of the following will occur?

A. The server will gracefully shut down

B. The server will remain in operation

C. The automatic transfer switch will bring in generator power

D. The UPS will exceed maximum load

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 165

When setting up a new Linux server that will require files larger than 2 TB in size, which of the following file system types should be used?

- A. NTFS
- B. ext2
- C. ext4
- D. FAT32

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 166

A systems administrator receives an email indicating a Windows user in finance cannot access the finance server remotely but is currently logged onto the network. Which of the following ports should be checked to determine if it is listening or open?

- A. FTP (20/21)
- B. DNS (53)
- C. RDP (3389)
- D. RDP (3893)

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 167

A server has rebooted early in the morning on the second Wednesday of each month for the past three months. No one was logged into the server at the time of the reboots, and there was no planned maintenance on any of the mornings in question. Which of the following is a server technician likely to inspect FIRST to determine the cause of the reboots?

- A. System event logs
- B. Update settings
- C. Maintenance settings

D. Security event logs

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 168

An existing server has three 1 TB 7200 RPM SATA drives and five empty drive bays. The network manager orders three 2 TB 5400 RPM SAS drives. The technician installs them properly, but when attempting to provision the drives, a message displays "Type mismatch". Which of the following is the reason for this error message?

- A. There is a firmware mismatch on the hard drives
- B. the drives must be from the same manufacturer
- C. The drive sizes must match
- D. The SATA and SAS drives cannot be mixed

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 169

A server technician is configuring a remote site and must ensure an active-active, site-to-site replication is enabled to adhere to disaster recovery initiatives with little to no change between production and the remote site. Which of the following site types BEST represents the purpose of this remote site?

- A. Cold site
- B. Warm site
- C. Hot site
- D. Off-site

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 170

An administrator checks a server running a RAID 1 with ten drives and notices three drives have blinking amber lights. Which of the following is the FIRST action the administrator should take?

- A. Reseat the drives one at a time
- B. Inform the users the server is down
- C. Shut down the server and replace the drives
- D. Call support and open a case

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 171

An outside contractor is hired to perform a business impact analysis of a simulated disaster. The contractor asks stakeholders what they think a hurricane would do to the business. This is an inadequate method because:

- A. the question is related to disaster recovery, not impact analysis
- B. the question is subjective and does not represent a complete business impact analysis
- C. it is impossible to perform an impact of anything simulated
- D. hurricanes vary in intensity, so the business impact is always unknown

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 172

An administrator is setting up LDAP in the environment to allow directory services authentication and login, and wants to allow secure connection only. Which of the following network ports should be allowed on the internal and external firewalls?

- A. 443
- B. 989
- C. 3268
- D. 3389

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 173

A datacenter customer reports the servers are having hardware failures at an unusual rate. A server technician is dispatched to the datacenter floor and notices several racks have condensation on their cold-side doors. Which of the following is the technician likely to report as the MOST likely cause of the hardware failures?

- A. Cooling failure
- B. Overheating
- C. Power surge
- D. Humidity controls

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 174

Which of the following should a systems administrator create to enable network connectivity on a virtual machine? (Choose two.)

- A. A virtual network
- B. A virtual network adapter
- C. A virtual network storage
- D. An extra network card on the server
- E. A virtual switch

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 175

A systems administrator creates a new file server. Before the users can access the server, which of the following must be done FIRST?

- A. Set up an iSCSI target
- B. Configure WWN on the SAN
- C. Join domain/directory
- D. Disable the firewall

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 176

A server administrator is notified of an OS hot fix for a production server. Which of the following BEST represent how the hot fix should be applied? (Choose two.)

- A. The hot fix should be applied after testing in a non-production environment
- B. The hot fix should be applied when it is released from the vendor
- C. The hot fix should be applied after following proper change management procedures
- D. The hot fix should be applied after testing in a production environment
- E. The hot fix should be applied once it has been superseded

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 177

A technician is setting up a server with a RAID 1 array for the boot partition and a RAID 5 array for the data partition. Which of the following is the MINIMUM number

of disks needed to implement these partitions?

- A. 4
- B. 5
- C. 6
- D. 7

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 178

A customer reports their mail can send emails but not receive them. A technician arrives on-site to troubleshoot the issue. Which of the following troubleshooting steps should the technician do FIRST?

- A. Identify changes to the server
- B. Establish a theory of probable cause
- C. Escalate the problem to a manager
- D. Perform a root cause analysis

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 179

A server technician is connecting a server directly to a multilayer switch, without MDI-X. Which of the following cables should the server technician use?

- A. Crossover
- B. Coaxial
- C. Rollover
- D. Straight through

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 180

A company executive asks the network administrator to help to reduce power consumption in a datacenter. The administrator suggests changing the servers running on 110V to 220V. Which of the following will occur as a result of this action?

- A. The room temperature will be reduced
- B. Amperage consumed by each server will be reduced by 50%
- C. Twice as much heat will be generated in the server room
- D. Power redundancy will be added to the server by providing two 110V power sources

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 181

After installing a 1 TB hard drive, a technician notices the OS is reporting significantly less unformatted capacity than was expected. Which of the following is the root cause?

- A. NTFS is using up capacity
- B. The OS is reporting raw capacity
- C. The OS is reporting capacity using base 2 numbers
- D. There was old data previously stored on the drive

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 182

At the time of implementing a solution, it is important to: (Choose two.)

- A. make one change at a time and confirm resolution



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- B. reverse the change if the problem is not resolved, and implement a new change
C. immediately call an employee with more experience in problem resolution
D. continue implementing new changes until the problem is resolved
E. perform a root cause analysis

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 183

Immediately following a BIOS firmware update, a server detects an overheat condition and shuts down after five minutes. Which of the following should the systems administrator do FIRST?

- A. Ensure the system fans are running
B. Disconnect the server's power and restore the backup ROM
C. Run the hardware manufacturer's onboard diagnostics
D. Reapply thermal paste to the CPUs and heat sinks

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 184

After applying a set of OS patches, a systems administrator finds that, on reboot, a server hangs with a blinking cursor after the system POST. Which of the following should the administrator do FIRST?

- A. Attempt to reload the master boot record
- B. Replace the boot drive, and reinstall the OS
- C. Restore the server from backup
- D. Clone the boot drive to another hard drive

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 185

An administrator is securing a network time server by disabling ports. After completing this process, the network time server is not functioning. The administrator should now go back and verify whether which of the following ports is enabled?

- A. 23
- B. 110
- C. 123
- D. 389

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 186

A systems administrator wants to run a report that will analyze a network's server performance at a specific point in time. Which of the following documents would be the best practice to create?

- A. Business impact analysis
- B. Network analysis
- C. Server baseline analysis
- D. network security analysis

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 187

A technician correctly powers off and replaces a cache battery on a RAID controller. When the server is powered back up, it restarts but indicates there are no logical disk volumes found. The server halts. Which of the following components should the technician check FIRST?

- A. Cache battery
- B. BIOS boot order
- C. Controller cabling
- D. Disk backplane

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 188

Which of the following access control methods allows or blocks devices based on MAC addresses?

- A. Port security
- B. ACL
- C. Host IDS
- D. Network IDS

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 189

Which of the following commands displays the network path between two devices?

- A. `ping`
- B. `tracert`
- C. `netstat`
- D. `route`

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 190

Which of the following is used in a server to ensure proper cooling and airflow when components are removed?

- A. Heatsink
- B. Voltage regulator
- C. Baffles
- D. Liquid cooling

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 191

A technician needs to install more add-on cards than there are available expansion slots. Which of the following would allow the technician to accomplish this?

- A. Backplane
- B. CPU daughterboard
- C. Riser card
- D. Array controller

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 192

An administrator is setting up a new mail server on the network and wants to open necessary ports to allow POP3 protocol for mail delivery. Which of the following ports should be opened in the internal and external firewalls?

- A. 101
- B. 110
- C. 123
- D. 161

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 193

A systems administrator needs to configure the company's web server to authenticate using PKI certificates. Which of the following servers would be queried to validate user credentials? (Choose two.)

- A. DHCP server
- B. DNS server
- C. Certificate authority
- D. ACL on web server
- E. LDAP server

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 194

Which of the following ports should be open on a server that provides IP addressing for clients?

- A. TCP 22
- B. TCP 25
- C. UDP 53
- D. UDP 67

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 195

While reviewing a network connectivity issue to a Linux server, the systems administrator issues the `ifconfig` command with the following results:

```
eth0 Link encap:EthernetHWaddr00:30:48:9D:06:73
      Inetaddr:192.168.0.100Bcast:192.168.0.255Mask:255.
      255.255.0
      BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
```

According to the output above, which of the following is the problem?

- A. The adapter is in "BROADCAST" mode
- B. The adapter is not in an "UP" state
- C. The broadcast address is incorrect
- D. The netmask is incorrectly configured

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 196

A manager has noticed that the staff of administrators spends a lot of time running power cords and network cables when installing new servers. The manager would like to reduce the amount of time administrators spend doing the power and network cabling. Which of the following will BEST allow staff to reduce that time?

- A. Mainframe
- B. Tower
- C. 2U rackmount server
- D. Blade server

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 197

Which of the following ports should be open if a server is configured as an email server with high security for incoming connections? (Choose two.)

- A. TCP 110
- B. TCP 143
- C. TCP 161
- D. TCP 993
- E. TCP 995

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 198

A technician needs to install another PCIe NIC in a server. The server currently has four fully populated PCIe slots. Which of the following must the technician install before installing the card?

- A. Install a virtual NIC
- B. Install a riser card
- C. Install a daughtercard

D. Install a KVM

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 199

Which of the following MUST be configured to automate client deployment over PXE boot? (Choose two.)

- A. DNS PTR record
- B. Domain controller name
- C. TFTP server
- D. DHCP option 66
- E. Web server with OS images

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 200

The purpose of Active Directory Federation Services (AD FS) is to:

- A. replace Active Directory Domain Services (AD DS) as a domain management tool in Windows Server 2013
- B. complement authentication and access management features of AD DS
- C. complement authentication and access management features of Active Directory Rights Management Services (AD RMS)
- D. replace Active Directory Certificate Services (AD CS) in Windows Server 2013

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 201

A systems administrator is unable to back up user files. Which of the following is the BEST explanation for this issue?

- A. The files are currently open



- B. The files have been copied
C. The files have been modified
D. The files are compressed

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 202

An administrator is asked to move a 64-bit guest to a new host. However, the guest will not boot on the new host. Which of the following is the cause of the problem?

- A. The new host's hypervisor is not Type 1
B. The management interface is not activated on the host
C. In the BIOS, AMD-V Intel VT are not turned on
D. The new host's hypervisor is not Type 2

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 203

A server technician is applying a security patch to an active-passive failover SQL cluster. However, the cluster must continue to service clients during the process with limited outages. Given this scenario, which of the following should the technician do to adhere to these maintenance requirements?

- A. Failover back to the original active node once the patching is complete
- B. Keep services failed over to passive node once patching is complete
- C. Move services to the active node and repeat for the passive node
- D. Patch the passive node, failover, and patch the other node

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 204

An administrator is connecting a laptop to administer a switch using an Ethernet cable, which works on a PC to a wall jack. The switch is functioning, but the administrator is unable to establish a connection with the switch. Which of the following is MOST likely the issue?

- A. The switch is faulty
- B. The port is faulty
- C. The cable is a rollover cable
- D. The cable is a straight-through cable

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



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