Exam Questions SK0-004

CompTIA Server+

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NEW QUESTION 1
Which of the following is the height of 1U of space in a server rack?

A. 1.5 inches (3.8 cm)
B. 1.75 inches (4.4 cm)
C. 2 inches (5.1 cm)
D. 3 inches (7.6 cm)

Answer: B

NEW QUESTION 2
A blade server chassis has two power supplies. Which of the following is a benefit of a technician connecting each power supply to a separate UPS unit?

A. Quality of service
B. Fault tolerance
C. Traffic shaping
D. Load balancing

Answer: B

NEW QUESTION 3
A blade chassis can hold 16 half-height blades or eight full-height blades. Which of the following is the MAXIMUM number of half-height blades that can be installed in the chassis if six full-height blades are already installed?

A. 2
B. 4
C. 8
D. 16

Answer: B

NEW QUESTION 4
A technician is asked to install an additional NIC in a server. Which of the following hardware considerations would be BEST for the technician to make?

A. Power consumption
B. Bus type and speed
C. CPU stepping
D. CAS latency

Answer: B

NEW QUESTION 5
A server technician is replacing a web server in an organization. The new server has two integrated NICs. Which of the following describes how the NICs should be configured for fault protection?

A. The NICs should be configured separately with one MAC address.
B. The NICs should be placed into a team with one MAC address.
C. The NICs should be configured separately with two MAC addresses.
D. The NICs should be placed into a team with two MAC addresse

Answer: B

NEW QUESTION 6
A server administrator is implementing disk redundancy in all database servers. Which of the following RAID configurations should the administrator use so that a MINIMUM number of disks are required?

A. RAID 0
B. RAID 1
C. RAID 5
D. RAID 6

Answer: B

NEW QUESTION 7
Which of the following is the MOST redundant power solution?

A. Two power supplies, each hooked up to individual legs of one 3-phase circuit.
B. Two power supplies, each hooked up to the same 1-phase circuit.
C. Two power supplies, each hooked up to separate 1-phase circuits.
D. One power supply hooked up to two 1-phase circuit

Answer: C

NEW QUESTION 8
An administrator is tasked with deploying a server in a telephone switching station. Which of the following voltages will MOST likely be available at the facility?

A. -48VDC
B. 120VDC
C. 220VAC
D. 440VAC

Answer: A

NEW QUESTION 9
A system administrator needs to install an operating system onto a new server in a remote location using PXE. Which of the following methods will BEST accomplish this?

A. SSH
B. RDP
C. TFTP
D. HTTP

Answer: C

NEW QUESTION 10
A technician is installing an operating system on a server using source files on a USB storage device. The technician is unable to boot to the USB device using different USB ports on the server. Which of the following should the technician do to ensure that the operating system can be installed from the USB storage?

A. Copy the source files to a CD
B. Install the latest USB device drivers
C. Reconfigure the boot order
D. Update the BIOS firmware

Answer: C

NEW QUESTION 10
The IT director instructed the systems administrator to build a server to support the accounting department's file growth. The IT director requested that the accounting users have the ability to encrypt their files; however, the accounting users have reported the inability to encrypt their files. Which of the following file system types is MOST likely causing this issue?

A. QFS
B. ZFS
C. FAT32
D. CIFS
E. ext4

Answer: C

NEW QUESTION 14
Which of the following server types translates FQDNs to IP addresses?

A. DHCP
B. SMTP
C. DNS
D. FTP

Answer: C

NEW QUESTION 15
Two servers are to be configured for high availability in a cluster. Both servers will be running applications at the same time. This feature is known as:

A. round robin.
B. heartbeat.
C. active/active.
D. active/passiv

Answer: C

NEW QUESTION 19
A system administrator needs to directly control a server that has no network connectivity. Which of the following should be used to accomplish this?

A. SSH
B. KVM
C. RDP
D. iLO/iDRAC

Answer: B

NEW QUESTION 22
A customer reports that connectivity to their web server has been sporadic throughout the morning. An administrator has applied OS patches periodically throughout the morning and rebooted the server. Which of the following has the administrator MOST likely violated?

A. Service level agreement
B. Mean time before failure
C. Mean time to repair
D. Request for proposal

Answer: A

NEW QUESTION 23
A technician needs to install additional memory in a server to help resolve performance issues. Which of the following should the technician do FIRST?

A. Perform an impact analysis.
B. Follow change management procedures.
C. Install the additional memory.
D. Update system firmwar

Answer: B

NEW QUESTION 25
Which of the following is a benefit of utilizing a type 2 hypervisor to manage guests?

A. The administration of the guest OS is significantly less complex.
B. There is reduced resource overhead since there is no OS layer.
C. A type 2 hypervisor offers increased performance over a type 1 hypervisor.
D. There is increased hardware support since there is an OS laye

Answer: D

NEW QUESTION 27
A system administrator has decided to create several VMs for a company. In which of the following locations would each of the VMs reside?

A. Host
B. VNC
C. Guest
D. VPN

Answer: A

NEW QUESTION 30
An ISP is currently drafting and compiling a Service Level Agreement that states there should only be
5.26 minutes of downtime per year, 25.9 seconds per month, and 6.05 seconds per week. Which of the following percentages should be used to meet these metrics?

A. 99.9%
B. 99.99%
C. 99.999%
D. 99.9999%

Answer: C

NEW QUESTION 35
A hardware compatibility list recommends striping with double parity as storage for an application. In a test environment, a technician realizes that a different RAID level can be used to compensate for a limited number of available disks. Which of the following is the closest RAID level the technician should deploy while minimizing the number of disks and maintaining fault tolerance?

A. 1
B. 5
C. 10

Answer: C

NEW QUESTION 37
An emergency power off accidentally occurs in a datacenter during a fire alarm test. On recovery, the server administrator notices that an external storage array is performing consistency checks on all the volumes configured in the array. Which of the following components of the storage array has MOST likely failed or faulted?

A. Redundant controller
B. Cold spare drive
C. Battery backed cache
D. Cache memory modules

Answer: C

NEW QUESTION 39
A system administrator has determined that more storage is needed for company dat

A. The storage requires the highest speed data transfer rate with maximum performanc
B. Which of the following solutions MUST be implemented to meet the business requirements?
C. FC SAN
D. FCoE
E. iSCSI
F. JBOD

Answer: A

NEW QUESTION 44
An administrator is developing a storage growth plan for a new file server. Which of the following should be implemented on the server so that storage growth is restricted?

A. Disk quotas
B. Disk compression
C. Automatic usage reports
D. Automatic defragmentation

Answer: A

NEW QUESTION 47
Which of the following is the MOST secure method of storing critical and sensitive system information (e.g., administrative passwords, trusted signing keys)?

A. Store the information encrypted and offline in a storage safe.
B. Encrypt the information using a zip file with a password.
C. Utilize a drive with full disk encryption enabled.
D. Create an encrypted virtual disk for storag

Answer: A

NEW QUESTION 51
A company has recently had sensitive data stolen by a contractor who plugged a flash drive into a server. Which of the following is the BEST method to prevent future occurrences?

A. Disable any unused physical ports until needed
B. Implement a BIOS password on all the servers
C. Install chassis locks on all the servers
D. Restrict usage of flash drives in company policy

Answer: A

NEW QUESTION 52
Network devices between two firewalls are included in which of the following?

A. VPN
B. SAN
C. VLAN
D. DMZ

Answer: D

NEW QUESTION 55
A system administrator is tasked with dividing the network so that each department is separate from the other. Which of the following should be used to accomplish this task?

A. VLAN
B. VPN
C. VNC
D. VM

Answer: A

NEW QUESTION 58
Which of the following is an example of the principle of least privilege and is the MOST secure when granting access to a shared network drive used by the Accounting department?

A. Grant appropriate permissions to only users in the Accounting department for both the share and NTFS
B. Grant all users full control permissions for the share only
C. Grant the Accounting department full control for the share and appropriate NTFS permissions
D. Grant modify permissions to the Accounting department and deny NTFS permissions to all other users

Answer: A

NEW QUESTION 60
Which of the following methods should a technician perform to properly clear a hard drive before disposal?

A. Delete the FAT
B. Zero all block sectors
C. Delete the partition
D. Zero the NTFS journal

Answer: B

NEW QUESTION 63
A server technician in a datacenter configures a daemon to monitor the battery health in a UPS. Over a two day time period, the daemon generates a warning message. Which of the following represents the FIRST action that should be taken by the server technician?

A. Perform a test on the UPS batteries
B. Immediately replace the UPS batteries
C. Move the servers connected to the UPS to another existing UPS
D. Immediately replace the UPS with a new UPS

Answer: A

NEW QUESTION 66
A technician has finished installing the operating system on a new server and needs to provide IP addressing information. The server will be connected to the DMZ network. Devices on the network use a default gateway address of 192.168.55.1. Which of the following is a valid IP address for a server in the DMZ network?

A. IP: 192.168.55.1, NETMASK 255.255.255.0
B. IP: 192.168.55.5, NETMASK 255.255.255.128
C. IP: 192.168.55.155, NETMASK 255.255.255.128
D. IP: 192.168.55.255, NETMASK 255.255.255.0

Answer: B

NEW QUESTION 71
Clients cannot connect to the network. A technician determines that port 68 is not open. Which of the following protocols is being blocked?

A. POP3
B. DNS
C. LDAP
D. DHCP

Answer: D

NEW QUESTION 76
Which of the following protocols can be used to perform configuration management on a remote server using the MOST secure methods? (Select TWO).

A. SMTP
B. DHCP
C. RDP
D. SSH
E. TELNET
F. DNS

Answer: CD

NEW QUESTION 77
An administrator is updating the server infrastructure at a company's disaster recovery site. Currently, an enormous amount of effort is required by the administrator to replicate operations. Which of the following types of site is the administrator currently using?

A. Cold site
B. Hot site
C. Warm site
D. Replication site

Answer: A

NEW QUESTION 82
A technician has traveled to a company's alternate site to assess current operations of the network infrastructure. Following the assessment, the technician has informed management that everything is operational, with all applications and data mirrored. Which of the following types of site does the company have?

A. Warm site
B. Cold site
C. Hot site
D. Standby site

Answer: C

NEW QUESTION 84

A hardware failure affects a server in a datacenter. The server is critical to company operation, and the hardware vendor is out of stock on the parts needed to repair the server. A network technician suggests replacing it with a server from the warm site. Which of the following should the technician do FIRST?

A. Outsource a hardware-certified courier to move the server to the datacenter.
B. Check the DRP and BCP and talk to the company stakeholders before making the decision.
C. Unrack the server from the warm site and move it to the datacenter.
D. Order the parts from the hardware vendor and notify affected users that the server will be dow

Answer: B

NEW QUESTION 89

A technician needs to install an operating system patch on a virtual server. Which of the following backup types should the technician perform prior to the patch installation that will allow the server to be restored the FASTEST?

A. Snapshot
B. Incremental
C. Differential
D. Full

Answer: A

NEW QUESTION 93

An administrator needs to perform a backup of all servers for an upcoming disaster recovery exercise at a company cold site. Which of the following types of backup should be performed?

A. Snapshot
B. Incremental
C. Differential
D. Full

Answer: D

NEW QUESTION 97

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?

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 networ

Answer: B

NEW QUESTION 99

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

Answer: A

NEW QUESTION 100

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

Answer: A

NEW QUESTION 105

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

Answer:

A

NEW QUESTION 108
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

Answer: B

NEW QUESTION 110
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 . : compti a.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

Answer: A

NEW QUESTION 111
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

Answer: B

NEW QUESTION 112
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

Answer: D

NEW QUESTION 115
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

Answer: BCD

NEW QUESTION 118
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

Answer: B

NEW QUESTION 123
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

Answer: D

NEW QUESTION 128
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

Answer: C

NEW QUESTION 133
Swap space or page file is reserved on the:

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

Answer: C

NEW QUESTION 135
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 imag

Answer: D

NEW QUESTION 137
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 questio

Answer: D

NEW QUESTION 139
Which of the following allows virtual machines to share the NIC of the host?

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

Answer: C

NEW QUESTION 143
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

Answer: B

NEW QUESTION 148
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

Answer: A

NEW QUESTION 150
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 defectiv

Answer: D

NEW QUESTION 153
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

Answer: B

NEW QUESTION 156
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 networkin

Answer: D

NEW QUESTION 161
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 immediaterestoration of critical services.
D. It provides a company with a redundant location that mirrors the primary datacenter hardware and data.

Answer: B

NEW QUESTION 166
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

Answer: A

NEW QUESTION 170
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

Answer: A

NEW QUESTION 171
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 spar

Answer: B

NEW QUESTION 174
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

Answer: B

NEW QUESTION 179
A system administrator notices that there is a low level of available storage space on a file server. Which of the following should be implemented to limit the amount of storage space users can utilize on the file server?

A. Disk shadowing
B. Disk compression
C. Disk quota
D. Disk indexing

Answer: C

NEW QUESTION 184
Which of the following is the MOST secure to erase data before disposal of server hard drives?

A. Hard wipe
B. Reformat
C. Degaussing
D. Delete partitions

Answer: C

NEW QUESTION 189
Users in the accounting department report that they are unable to access a shared network drive used by all departments. Upon troubleshooting, a technician determines that three users in the marketing department, two in sales, five in human resources, and ten in IT are all successfully accessing the shared network drive. Which of the following is MOST likely causing the issue?

A. Corrupt user profiles
B. Incorrect NTFS group permissions
C. The share is unsecured
D. Excessive page filing on server

Answer: B

NEW QUESTION 194
A network administrator is tasked to set up zoning for a SAN infrastructure that requires redundancy. Which of the following types of hardware should the administrator implement?

A. Multiple VLANs
B. Multiple host nodes
C. Multiple HBAs
D. Multiple routers

Answer: C

NEW QUESTION 197
Which of the following will protect data loss against catastrophic multiple physical drive failure?

A. RAID 10
B. Snapshot
C. Tape backup
D. RAID 5

Answer: C

NEW QUESTION 199
A system administrator is tasked to set up a file server. The file server must be able to support access control lists and logging for auditing purposes. To meet these requirements, with which of the following file system types should the administrator format the file system?

A. SMB

B. NTFS
C. VMFS
D. CIFS

Answer: B

NEW QUESTION 200
A user reports that a script \\Server\Share\Runme.bat, which is run on a daily basis, cannot be accessed. Which of the following is the FIRST step to take in resolving this issue?

A. Check the network cable.
B. Ping the gateway.
C. Verify the workstation IP address.
D. Ping the serve

Answer: D

NEW QUESTION 205
After a migration to a new server, users report that they are unable to save files to their home directories. A check of the permissions on the home directories indicate that the permissions are set as follows:
User: r-x Group: r-- Other: r-x
A server administrator verifies the correct user and group ownership of the home directories. Which of the following will MOST likely resolve the issue?

A. Add the w permission for the users.
B. Add the x permission for the group.
C. Remove the x permission for other.
D. Remove the r permission for the grou

Answer: A

NEW QUESTION 208
Which of the following is the MOST complex way to directly reduce heat for computing components?

A. Liquid cooling units
B. Integrated high RPM fans
C. Directed airflow with baffles
D. Hot aisle/cold aisle

Answer: A

NEW QUESTION 213
A datacenter is in a geologically active area and has no earthquake abatement installed. Which of the following drive types is BEST for general server use?

A. Solid state drives
B. High RPM drives
C. Low RPM drives
D. USB drives

Answer: A

NEW QUESTION 218
A server technician is tasked to replace a RAID controller battery on a server. The server technician has no prior experience replacing a RAID controller battery. Which of the following should the server technician do to obtain the required knowledge or procedures to replace the battery?

A. Review software specifications
B. Review architecture diagrams
C. Review service manuals
D. Review service logs

Answer: C

NEW QUESTION 221
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

Answer: D

NEW QUESTION 225
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?

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

Answer: A

NEW QUESTION 227
In authentication, which of the following represents something you have?

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

Answer: C

NEW QUESTION 228
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 outcome

Answer: A

NEW QUESTION 233
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

Answer: A

NEW QUESTION 234
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

Answer: D

NEW QUESTION 236
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

Answer: A

NEW QUESTION 238
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

Answer: C

NEW QUESTION 240
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?

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 serve

Answer: A

NEW QUESTION 241
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 scop

Answer: D

NEW QUESTION 243
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

Answer: C

NEW QUESTION 248
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

Answer: B

NEW QUESTION 249
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

Answer: A

NEW QUESTION 250
A technician is tasked with creating a test system containing non-critical dat

A. The technician has limited hardware, but needs maximum performanc
B. Which of the following RAID levels should the technician use?
C. 1
D. 5
E. 10

Answer: A

NEW QUESTION 251
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)

Answer: C

NEW QUESTION 256
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

Answer: ACD

NEW QUESTION 259
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

Answer: C

NEW QUESTION 263
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

Answer: C

NEW QUESTION 268
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

Answer: C

NEW QUESTION 272
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 fault

Answer: C

NEW QUESTION 275
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 serve

Answer: B

NEW QUESTION 279
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

Answer: D

NEW QUESTION 283
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?

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

Answer: B

NEW QUESTION 284
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 RA

Answer: C

NEW QUESTION 286
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-floo

Answer: A

NEW QUESTION 288
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).

Answer: C

NEW QUESTION 293
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

Answer: DE

NEW QUESTION 294
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

Answer: B

NEW QUESTION 297
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

Answer: C

NEW QUESTION 299
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

Answer: AD

NEW QUESTION 302
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

Answer: D

NEW QUESTION 305
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 hour

Answer: A

NEW QUESTION 308
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
D. Seek time and latency
E. Form factor
F. Bus width

Answer: CD

NEW QUESTION 312
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

Answer: E

NEW QUESTION 316
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

Answer: A

NEW QUESTION 320
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

Answer: B

NEW QUESTION 321
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

Answer: B

NEW QUESTION 323
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

Answer: D

NEW QUESTION 324
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

Answer: AB

NEW QUESTION 329
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

Answer: BC

NEW QUESTION 333
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

Answer: D

NEW QUESTION 336
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

Answer: B

NEW QUESTION 340

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 mas

Answer: B

NEW QUESTION 342
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?

A. Default gateway
B. Netmask
C. DNS A (AAAA) record
D. DNS reverse lookup entry

Answer: A

NEW QUESTION 347
Which of the following services provides users with directory services?

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

Answer: B

NEW QUESTION 351
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

Answer: A

NEW QUESTION 355
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

Answer: A

NEW QUESTION 356
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 on

Answer: B

NEW QUESTION 361
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 hardwar

Answer: B

NEW QUESTION 362

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

Answer: A

NEW QUESTION 365

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 workstation

Answer: B

NEW QUESTION 367

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:

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

Answer: C

NEW QUESTION 368

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

Answer: D

NEW QUESTION 373

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 DN

Answer: D

NEW QUESTION 378

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

Answer: BF

NEW QUESTION 380

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

Answer: B

NEW QUESTION 382
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

Answer: A

NEW QUESTION 387
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

Answer: B

NEW QUESTION 390
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

Answer: AB

NEW QUESTION 391
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 stat

Answer: B

NEW QUESTION 392
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 questio

Answer: D

NEW QUESTION 397
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)

Answer: C

NEW QUESTION 399
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 hos

Answer: A

NEW QUESTION 400
An administrator needs to deploy 1,000 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 imag

Answer: D

NEW QUESTION 401
An administrator needs to back up changed files only and has time constraints on the back up window. Which of the following is the BEST choice for a backup strategy?

A. Differential
B. Snapshot
C. Full
D. Incremental

Answer: A

NEW QUESTION 405
The Unified Extensible Firmware Interface (UEFI) allows:

A. the ability to boot from larger than 2GB disks.
B. CPU-dependent architecture and drivers.
C. a non-modular design.
D. no network capability in the current release.

Answer: A

NEW QUESTION 408
A technician reads a hardware manufacturer's blog indicating a critical firmware update is available for the company's file server. Which of the following is the BEST course of action?

A. Download and install a firmware update from a centralized server.
B. Download the firmware update and test it on a VM.
C. Download the firmware update and test it on a non-production server.
D. Download the firmware update and immediately run it on the company's file serve

Answer: C

NEW QUESTION 409
An administrator has been tasked with making recommendations for purchasing disks that will support a transactional database where performance is of greatest concern and budget is secondary. Which the following disk types should the administrator recommend?

A. FC
B. iSCSI
C. SAS
D. SATA

Answer: C

NEW QUESTION 410
A technician is backing up 10GB of data on a file server to a 250GB external USB hard drive. After 4GB 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

Answer: A

NEW QUESTION 413
A technician needs to install an OS patch on a virtual server. Which of the following backup types should the technician perform prior to the patch installation that will allow the server to be restored the FASTEST?

A. Snapshot
B. Incremental
C. Differential
D. Full

Answer: A

NEW QUESTION 415
A technician installs a rack in a datacenter. The rack has two power strips installed in it. To ensure maximum power redundancy for the rack, how should each PDU power strip be connected?

A. Each to the same floor PDU
B. Each to different floor PDUs
C. Each to the same datacenter UPS
D. Each to a different datacenter UPS

Answer: D

NEW QUESTION 420
Joe, a system administrator, is replacing an aging print server. Once he reached the step to join the new server to the existing domain, he kept getting an error and could not complete the step successfully. Which of the following did Joe forget to do?

A. He did not recreate the printer on the new print server.
B. He did not migrate the print server database.
C. He did not restore a full backup of the old print server.
D. He did not properly configure the network setting

Answer: D

NEW QUESTION 424
A secondary office location containing servers already configured with all necessary software and files to minimize downtime is considered to be which of the following types of disaster recovery sites?

A. Hot site
B. Hosted site
C. Cold site
D. Warm site

Answer: A

NEW QUESTION 429
A clustered server goes offline due to a backplane failure. Which of the following clusters does not lose capacity when a server goes offline?

A. An active-passive cluster
B. A distributed cluster
C. An active-active cluster
D. A standby switch cluster

Answer: C

NEW QUESTION 433
Which of the following hypervisors is physically installed on a server?

A. Type 1
B. Type 2
C. VDI
D. Hybrid

Answer: A

NEW QUESTION 435
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

Answer: B

NEW QUESTION 440
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

Answer: C

NEW QUESTION 443
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

Answer: B

NEW QUESTION 447
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

Answer: D

NEW QUESTION 449
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

Answer: C

NEW QUESTION 453
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

Answer: A

NEW QUESTION 454
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

Answer: C

NEW QUESTION 457
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

Answer: D

NEW QUESTION 459

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

Answer: C

NEW QUESTION 462
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

Answer: AC

NEW QUESTION 465
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

Answer: B

NEW QUESTION 469
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

Answer: A

NEW QUESTION 470
At the time of implementing a solution, it is important to: (Choose two.)

A. make one change at a time and confirm resolution
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

Answer: AB

NEW QUESTION 472
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

Answer: C

NEW QUESTION 475
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

Answer: C

NEW QUESTION 478

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

Answer: A

NEW QUESTION 483
Which of the following commands displays the network path between two devices?

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

Answer: B

NEW QUESTION 487
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

Answer: C

NEW QUESTION 490
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

Answer: C

NEW QUESTION 495
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

Answer: B

NEW QUESTION 500
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?

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

Answer: C

NEW QUESTION 503
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

Answer: D

NEW QUESTION 507

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

Answer: B

NEW QUESTION 508
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

Answer: B

NEW QUESTION 510
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

Answer: D

NEW QUESTION 514
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

Answer: D

NEW QUESTION 517
DRAG DROP
Match each port number with its appropriate protocol name.

Port Number		Protocol
989		DNS
22		DHCP
68		LDAP
53		FTPS
389		SSH

Answer:

Explanation: DNS – 53
DHCP – 68
LDAP – 389
FTPS – 989
SSH - 22

NEW QUESTION 521
A server technician is procuring rail kits for a 2U rack mount server. Company policy dictates all rail kits must allow full extension of the system out of the rack. Given these requirements, which of the following rail kit types should the technician obtain?

A. Static rail kit

B. Sliding rail kit
C. Rail kit ears
D. Sliding shelf rails

Answer: B

NEW QUESTION 522
FILE-SERVER-1 is being decommissioned. A server technician powers off the server labeled FILESERVER- 1 only to find out the label on the server was incorrect, causing an outage. Which of the
following could have helped avoid this outage?

A. IP address
B. Recovery documentation
C. Hardware inventory
D. Network diagram

Answer: C

NEW QUESTION 527
An administrator is installing a server to be used to dynamically assign IP addresses to the network devices. Which of the following server roles must be used?

A. RAS
B. DNS
C. DHCP
D. WINS

Answer: C

NEW QUESTION 531
A technician is logged into the network through VPN. Which of the following utilities can be used to
connect to a server to verify a process is running? (Choose two.)

A. RDP
B. SSH
C. DNS
D. LDAP
E. Bash
F. ping

Answer: AB

NEW QUESTION 535
A server has been operating normally for several months. Users suddenly begin reporting that the server is responding very slowly. Which of the following tools are the BEST choices for the administrator to use to troubleshoot the problem? (Choose two.)

A. Disk defragmenter
B. Resource monitor
C. Event viewer
D. Device manager
E. System information
F. File manager

Answer: BC

NEW QUESTION 539
An administrator wants to ensure a server OS and data can be recovered in case all the server's hard disk drives fail simultaneously. Which of the following backup types must be implemented to meet the requirements?

A. Full backup
B. Differential
C. Incremental
D. Bare metal

Answer: A

NEW QUESTION 540
Maintaining operations in the event of a complete power outage requires a tested and established:

A. hardware maintenance plan
B. site recovery plan
C. business continuity plan
D. incident response plan

Answer: C

NEW QUESTION 541

A security incident occurs that requires a systems administrator to take an image of a user's workstation hard drive. Which of the following should be taken at the time the system image is generated and retained through the file of the investigation to assure files have not been modified since?

A. A checksum hash of the drive image or files
B. Copies of the system logs at specific intervals
C. A snapshot of the file system
D. The user's credentials and permissions

Answer: A

NEW QUESTION 546
A systems administrator is installing a new software package on a server. The software has many dependencies. Which of the following would be the BEST solution for the systems administrator to take to ensure there is no downtime with the installation of this software package?

A. Deploy the software to production
B. Deploy the software in a sandbox
C. Uninstall the application software
D. Uninstall the software updates

Answer: B

NEW QUESTION 549
Payroll checks are not printing. A job scheduled to run \\Payroll_File_Server\Checks\Print.cmd is failing with an "Access Denied" error message. Which of the following is the MOST likely cause of this issue?

A. The payroll application server is offline
B. The checks share does not exist
C. The file permissions on Print.cmd were changed
D. The Print.cmd file content was modified

Answer: C

NEW QUESTION 552
A systems administrator has determined that there are several users experiencing problems within two offices that have recently merged into one OU. Users within one of these offices are not having these issues. Which of the following is MOST likely misconfigured?

A. Group policies
B. Firewall policies
C. File permissions
D. Port permissions

Answer: A

NEW QUESTION 554
A user is reporting lack of connectivity to the server. Which of the following tools will provide feedback to the administrator while troubleshooting basic IP connectivity? (Choose two.)

A. net use
B. ping
C. traceroute
D. mount
E. telnet

Answer: BC

NEW QUESTION 559
An enterprise technician is tasked to implement a disk array that will host continuous disk-to-disk replication. Which of the following storage types should be selected for maximum performance?

A. USB
B. SCSI
C. SATA
D. SAS

Answer: D

NEW QUESTION 561
A technician is trying to install the operating system on a new server. When the server is powered on, it searches for the installation information on CD and then on the local hard drive. The operating system installation is on a PXE server. Which of the following should the technician change to successfully install the operating system?

A. BIOS settings
B. Firmware version
C. File system type
D. RAID configuration

Answer: A

NEW QUESTION 565
A systems administrator is troubleshooting a server that will not turn on. The LED lights are not blinking, and no status light indicators are available. The administrator has checked the PDU and UPS to verify proper functionality. Which of the following components is the MOST likely cause of this problem?

A. NIC failure
B. Memory failure
C. CPU failure
D. Power supply failure

Answer: D

NEW QUESTION 568
A technician is configuring a new server on the network. The technician wants the server to be a default gateway for network devices. Which of the following should the technician use to BEST provide the server with the proper IP address?

A. A static IP address outside of the DHCP scope
B. A static IP address with a scope reservation
C. A dynamic IP address assigned by the DHCP server
D. An IP address that can be publicly routed

Answer: B

NEW QUESTION 570
The last available backup is from 12 months ago. Which of the following should an administrator perform prior to applying a critical application patch to a guest OS? (Choose two.)

A. Full backup
B. Database snapshot
C. Incremental backup
D. Virtual machine snapshot
E. File system copy

Answer: AB

NEW QUESTION 573
A server technician has just installed a server with several roles. The technician then launches a command prompt, runs the netstat command, and notices the server is listening on the following ports: 88, 389, 464, 3268, and 3269. Which of the following server roles is MOST likely installed on this server, given the ports above?

A. Database server
B. Directory server
C. Mail server
D. Web server

Answer: B

NEW QUESTION 577
Which of the following devices should be installed BEFORE installing a server's operating system locally?

A. Hard drive
B. Chipset
C. NIC
D. Optical drive

Answer: A

NEW QUESTION 581
A remote technician is notified that a LED light for a server's hard drive is red. Which of the following
should the technician check to verify RAID functionality?

A. Network-based hardware administration
B. Access control lists
C. File system check
D. Connectivity via a serial cable

Answer: C

NEW QUESTION 582
Which of the following security measures would be MOST effective in a datacenter that experiences frequent power surges and spikes? (Choose two.)

A. Security guards
B. Numeric keypads
C. Biometrics

D. Access lists
E. RFID chips

Answer: AD

NEW QUESTION 586
A datacenter systems administrator needs to install a new server within an existing rack. Which of the following components would the systems administrator need to physically install the server in the rack? (Choose two.)

A. Rail kit
B. Cable management
C. UPS
D. Network switch
E. Fiber cables
F. KVM

Answer: AE

NEW QUESTION 591
A server administrator recently upgraded a three-year-old server by replacing the old CPU and memory with a new CPU and memory. After the upgrade, the server regularly generates CPU and memory errors; however, the server is working. The administrator has confirmed the new CPU and memory are not faulty. Which of the following is the MOST likely cause of this problem?

A. Bad motherboard
B. Outdated BIOS and firmware
C. Outdated RAID controller
D. Bad memory and CPU chipset

Answer: B

NEW QUESTION 595
An administrator is decommissioning a company's old accounting system and will be sending all the hardware to an off-site recycler. Which of the following is the BEST method for the administrator to ensure no company data will be exposed before sending drives to the recycler?

A. Delete both the files and the folders from the hard drives, and then send them to the recycler
B. After logging out and powering down the server, send the drives to the recycler
C. Format all drives using the OS, and then send the drives to the recycler
D. Physically destroy the drives, and then send the drives to the recycler

Answer: D

NEW QUESTION 600
Highly classified data is being shared on a company network. The systems administrator needs to ensure the data is safe and only necessary personnel can access it. Which of the following protocols would be BEST to use for this type of data to be shared?

A. SSH
B. SCP
C. NTP
D. FTP

Answer: B

NEW QUESTION 601
A server administrator is configuring 10 web servers, each of which can contain up to four hard disks. To get the HIGHEST level of redundancy for these servers, the administrator should:

A. configure using four disks in a RAID 0 array
B. configure using four disks in a RAID 5 array
C. configure using four disks in a RAID 6 array
D. configure using four disks in a RAID 10 array

Answer: C

NEW QUESTION 605
Which of the following default port numbers need to be open on a firewall for a mail server to successfully send and receive mail? (Choose three.)

A. 22
B. 25
C. 53
D. 80
E. 110
F. 143
G. 161

Answer: BEF

NEW QUESTION 610
A user cannot save a 2 GB file to a file server. A technician determines that permissions are correct and the file system has 10 MB of available space for new files. The technician wants to enable
compression as a short-term fix. Which of the following should the technician do FIRST?

A. Free enough disk space to hold the largest file's uncompressed size
B. Decrease the amount of system CPU and memory requirements
C. Encrypt the file system on the server
D. Install at least enough memory to hold the largest file's uncompressed size

Answer: A

NEW QUESTION 614
Which of the following media types allows for the ability to make data written to the media permanent?

A. LTO WORM tape
B. DVD-RW disk
C. CD-RW disk
D. LTO tape

Answer: A

NEW QUESTION 616
An administrator has just upgraded a server from non-hot plug storage to all hot plug storage.
The administrator powers up the server, during POST the RAID controller is recognized but none of the drive lights flash.
Which of the following should the administrator do FIRST to troubleshoot the problem?

A. Check the backplane cabling.
B. Check the server BIOS.
C. Update the RAID controller firmware.
D. Install the latest hard drive firmwar

Answer: A

NEW QUESTION 620
An administrator is looking to apply a new service pack for an OS on several systems that run business critical applications for a large international finance corporation.
Which of the following should the administrator do FIRST?

A. Deploy the service pack to a single department within the corporation.
B. Upgrade the system with requirements for that service pack.
C. Deploy the service pack to a non-critical application server.
D. Submit a change control for the service pack deploymen

Answer: D

NEW QUESTION 625
A company's legal and regulatory departments have drafted a new policy in which emails must be retained for no longer than three years. Which of the following locations should an administrator configure when complying with the new policy? (Select THREE).

A. Local workstations
B. Backup tapes
C. Domain controllers
D. Email server
E. SMTP gateway
F. Proxy server

Answer: ABD

NEW QUESTION 626
In a workgroup, all of the following steps are required for a DHCP server EXCEPT:

A. activate the scopes.
B. authorize the server.
C. configure the scopes.
D. install DHCP servic

Answer: B

NEW QUESTION 630
Which of the following actions will prevent a driver from being reinstalled automatically?

A. Run the disable command.
B. Disable the device using Device Manager.
C. Review manufacturer manual.
D. Reboot the server, logon in Safe Mode, uninstall the drive

Answer: B

NEW QUESTION 634
A company's computer policy dictates that all users workstations must use the company's corporate web page as their default home page. Which of the following methods should an administrator use to BEST comply with this policy?

A. Configure a logon script to set the homepage at logon.
B. Set the default homepage to the corporate website in Group Policy.
C. Manually configure the homepage on all workstations and setup trace logs to ensure compliance.
D. Set the default homepage to the corporate website on the base computer imag

Answer: B

NEW QUESTION 635
An administrator has purchased monitoring software that can be configured to send alerts when hardware and applications are having issues. Which of the following must be installed on the monitoring server so that it can properly monitor details on vendor specific devices?

A. MIBs
B. SMTP
C. WMI
D. DHCP

Answer: A

NEW QUESTION 637
An administrator has purchased monitoring software that can be configured to alert administrators when hardware and applications are having issues. All devices are configured with SNMP, but the administrator wants to further secure the SNMP traffic. Which of the following settings would BEST provide additional monitoring security? (Select TWO).

A. Setting up a custom community name
B. Configuring the network to block traffic on port 161
C. Configuring the Windows Firewall to block port 161
D. Setting SNMP to read only on the devices
E. Installing new MIBs

Answer: AD

NEW QUESTION 639
An administrator receives a call from a user who is unable to receive email. After checking the workstation and email settings the administrator is still not able to determine the problem. Which of the following is the NEXT step that the administrator should take?

A. Create an action plan.
B. Escalate the issue.
C. Reboot the mail server.
D. Document the solution.

Answer: B

NEW QUESTION 642
A datacenter has exceeded the load on the central uninterruptible power supply (UPS) for the room and is causing power load problems. Additional power is available, but not using the central UPS. Which of the following is the BEST temporary solution for adding new servers until an upgrade of the central UPS can occur?

A. Continue plugging into the central UPS, but put the UPS on bypass to avoid load problems.
B. Plug the servers directly into the power that is not on the UPS.
C. Add stand alone UPSs for new servers not wired off the central UPS.
D. Continue plugging into the central UPS because the actual load supported is actually higher than stated.

Answer: C

NEW QUESTION 644
When disposing of computer equipment, which of the following can present an environmental hazard?

A. Bezel
B. SATA cable
C. Cat5 cable
D. CRT monitor

Answer: D

NEW QUESTION 648
Which of the following is designed to guarantee that once data is written it cannot be modified? (Select TWO).

A. Flash
B. DLT4 tapes

C. CD-R
D. SDLT tapes
E. WORM

Answer: CE

NEW QUESTION 651
Which of the following assists with airflow in a server? (Select TWO).

A. Riser cards
B. Water cooling
C. Shroud
D. Baffile
E. Heat sinks

Answer: CD

NEW QUESTION 654
After a virus outbreak, which of the following can be used to deploy a hotfix in a Microsoft environment? (Select TWO).

A. WSUS
B. Terminal services
C. Remote management cards
D. Group policy
E. SNMP

Answer: AD

NEW QUESTION 656
Which of the following BEST describes RAID 10?

A. Mirroring with striping
B. Mirroring with fault tolerance
C. Striping
D. Striping with distributed parity

Answer: A

NEW QUESTION 660
Which of the following BEST describes a benefit of RAID 0?

A. High fault tolerance
B. Ease of failure recovery
C. High performance
D. No configuration

Answer: C

NEW QUESTION 665
Which of the following RAID levels provides the HIGHEST fault tolerance possible?

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

Answer: D

NEW QUESTION 670
Which of the following BEST describes a server where several physical server chassis are housed within an enclosure to share some redundant resources?

A. Tower server
B. Rack mount server
C. Blade server
D. Bare metal server

Answer: C

NEW QUESTION 672
Which of the following memory technologies has the HIGHEST cost to implement?

A. ECC
B. RAID
C. Pairing
D. Registered

Answer: B

NEW QUESTION 674
Which of the following expansion cards should be installed into a server to provide fiber channel SAN connectivity?

A. HBA
B. USB
C. UAC
D. NIC

Answer: A

NEW QUESTION 676
Which of the following can occur if the maximum rated load is exceeded on an uninterruptible power supply (UPS)?

A. There is a fire hazard potential if a power outage occurs.
B. The last system plugged into the UPS will not be provided any power.
C. The UPS will draw more power from the circuit to compensate.
D. The runtime of the UPS will be insufficient if a power outage occur

Answer: D

NEW QUESTION 681
Which of the following internal storage devices has the GREATEST storage capacity and is WORM media?

A. CD-RW
B. CD-R
C. DVD-RW
D. Flash

Answer: B

NEW QUESTION 685
Which of the following media types is the MOST durable in harsh environments?

A. Disk
B. Tape
C. Optical
D. Flash

Answer: D

NEW QUESTION 687
Which of the following settings is the jumper set to when installing a DVD-RW as the second device on an IDE cable?

A. ID0
B. ID2
C. Cable select
D. Master

Answer: C

NEW QUESTION 692
A user reports they cannot access the network share folder, the users workstation is configured to use automatic IP. When the administrator checks the IP address the response returns as 169.254.0.5. Which of the following should the administrator verify?

A. That there are no DHCP relay servers
B. That the user account on Active Directory is not locked
C. That the network card driver is not installed incorrectly
D. The network connection is functioning

Answer: D

NEW QUESTION 695
Which of the following protocols is responsible for the resolution of IP addresses to MAC addresses?

A. DHCP
B. ARP
C. DNS
D. RARP

Answer: B

NEW QUESTION 699

Which of the following RAID levels can withstand the simultaneous loss of two physical drives in an array?

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

Answer: D

NEW QUESTION 704
Which of the following protocols would MOST likely be used in the establishment of an IPSec VPN tunnel?

A. AES
B. TKIP
C. 802.1q
D. ISAKMP

Answer: D

NEW QUESTION 705
A server is connected to a gigabit Ethernet switch and has negotiated 1Gbps / Full Duplex. When transferring large files to and from other servers on the segment via FTP slow performance is noticed. All network cabling, network hardware and server hardware were verified to be working correctly. Which of the following could be done to improve performance?

A. Decrease the TCP window size.
B. Increase the UDP window size.
C. Increase the TCP window size.
D. Decrease the UDP window siz

Answer: C

NEW QUESTION 708
A new server was installed. Most clients are located in the same subnet as the server and can successfully access the server. Clients located on different subnets have been unable to access the server, but have no trouble accessing other servers on their subnet. Which of the following is the reason that these clients are unable to access the server?

A. DHCP has assigned the wrong addresses.
B. Incorrect default gateway on the server.
C. DNS entries were not created.
D. WINS server is not respondin

Answer: B

NEW QUESTION 710
Which of the following is an SLA?

A. A document stating the impact analysis of a nonfunctional server.
B. A contract that details the device replacement time frames.
C. A contract that details the correct equipment disposal laws.
D. A statement of compliance with local laws and regulation

Answer: B

NEW QUESTION 714
A server failed Thursday evening before the nightly backup. The backup scheme in place was full backups every Sunday, incremental backups on Monday, Wednesday, and Friday, and differential backups on Tuesday, Thursday, and Saturday. To fully restore the server, which of the following is the LEAST amount of backup sets required?

A. One
B. Two
C. Three
D. Four

Answer: C

NEW QUESTION 718
An administrator identifies that a server is shutting down. The administrator powers up the server and OS loads but after a few minutes it powers down again. Which of the following is the cause?

A. Redundant power supply failure
B. CPU overheating
C. Memory failure
D. Hard disk failure

Answer: B

NEW QUESTION 723

A stripe set of maximum size is to be configured using two physical disks. One disk has 150GB and the other has 250GB in unallocated space. Which of the following will be the size of the stripe set?

A. 150GB
B. 300GB
C. 400GB
D. 500GB

Answer: B

NEW QUESTION 727

Users report that they are unable to connect to a server. An administrator confirms that it is unreachable across the network. Other administrators have been working in the server room throughout the day. Which of the following is the NEXT step the administrator should take?

A. Verify the configuration of the connected port on the network switch.
B. Reboot the server.
C. Install a new NIC on the server.
D. Verify that network cables are connecte

Answer: D

NEW QUESTION 728

A company utilizes the GFS backup standard. Which of the following describes this backup method?

A. Greatest, Final, Sequential
B. Full, Partial, Incremental
C. Monthly, Weekly, Daily
D. Full, Differential, Incremental

Answer: C

NEW QUESTION 731

Which of the following concepts is described as multiple logical subnets traversing the same physical network?

A. DHCP
B. VLANs
C. DMZ
D. VPNs

Answer: B

NEW QUESTION 734

Which of the following expansion cards should be installed in a server to allow the server to connect to a SAN via a fiber channel?

A. SATA
B. iSCSI
C. SCSI
D. HBA

Answer: D

NEW QUESTION 739

Which of the following must be done to properly conduct testing of the data backup portion of a disaster recovery plan?

A. Perform an integrity test of backup media.
B. Verify data on backup media can be read.
C. Verify that backups have occurred and were successful via the logs.
D. Restore backed up data to a test serve

Answer: D

NEW QUESTION 744

Which of the following is the MOST important consideration before making a change to a server?

A. Explore the ramification of the change before implementation.
B. Determine the service level agreement in place before implementation.
C. Review the equipment disposal procedures and policies before implementation.
D. Notify all staff members of the planned system outage before implementatio

Answer: A

NEW QUESTION 747

An administrator attempts to install the latest security patches for an older server. When the administrator runs the patch installer, the install fails. The administrator tries again, and the installer fails again. Which of the following is the MOST likely reason for this?

A. The administrator improperly configured the virtual memory settings on the server.
B. The administrator is using incorrect patch switches for the install.
C. The administrator is trying to install security patches for software that is not installed.
D. The administrator is trying to install patches that require hard drive encryption on the serve

Answer: C

NEW QUESTION 750
Which of the following BEST describes server virtualization?

A. A single logical server operating on multiple physical servers.
B. Applications hosted on a single server and deployed to multiple users.
C. Multiple servers used to host applications for multiple users.
D. Multiple logical servers operating on the same physical serve

Answer: D

NEW QUESTION 755
Which of the following is the MOST important factor when considering environmental factors?

A. Server room access should be limited to authorized personnel.
B. Servers should be kept in a warm and dark environment.
C. Remove the floppy drives from the system.
D. The server administrator should ensure adequate levels of coolin

Answer: D

NEW QUESTION 757
Which of the following ports does a telnet application utilize?

A. 21
B. 23
C. 80
D. 443

Answer: B

NEW QUESTION 759
Which of the following is an environmental server maintenance task that should be performed every three months?

A. Replace the rubber mats in the server room
B. Clean the servers to limit dust buildup
C. Wash the outside of the servers
D. Replace the server fans

Answer: B

NEW QUESTION 761
An administrator has just installed a new NIC into the server. The system POSTs fine and the NIC is recognized by the OS, but it does not receive an IP address.
Which of the following is the MOST likely cause of this?

A. The NIC is not on the HCL.
B. The driver is incorrect on the server.
C. The patch cable has not been seated properly.
D. The NIC is not seated properly.

Answer: C

NEW QUESTION 762
Which of the following is the FIRST thing that should be done in order to begin reinstalling TCP/IP on the server?

A. Configure netsh settings in case of backup
B. Restart the server
C. Notify users
D. Uninstall TCP/IP

Answer: C

NEW QUESTION 764
Which of the following is the BEST place to find the latest BIOS upgrade of the server system board?

A. Third-party vendor
B. BIOS manufacture website
C. Operating system manufacture website
D. Servers manufacture website

Answer: D

NEW QUESTION 769
Which of the following would be the BEST configuration when using seven SCSI drives in order to have full fault tolerance?

A. RAID 0+1
B. RAID 0
C. RAID 1
D. RAID 5

Answer: D

NEW QUESTION 770
A company would like to upgrade an old server to a multi-processor box. The server currently has a single 3.0GHz 1Mb cache processor in it with a single empty socket. The only processor that is available from a manufacturer is a 3.0GHz 2Mb cache model. Which of the following is the BEST reason why this upgrade will not work?

A. The socket size does not match
B. The cache is from a different manufacturer
C. The processors do not match
D. Processors cannot be upgraded after server has been deployed

Answer: C

NEW QUESTION 775
A server has a single, half height, PCI-X 3.3v slot available. Which of the following cards can fit in this slot? (Select THREE).

A. Half Height, Universally Keyed PCI card
B. Full Height, 3.3v PCI-X card
C. Half Height, x16 PCI Express Card
D. Half Height, 3.3v PCI card
E. Half Height, Universally Keyed PCI-X card
F. Full Height, Universally Keyed PCI card
G. Half Height, x8 PCI Express Card

Answer: ADE

NEW QUESTION 780
A company has a corporate office building that is used by 50 to 100 unique visitors each day for meetings. Users routinely report that they are unable to access the network with their laptops when visiting this location.
The help desk reports that these users are not getting IP addresses automatically assigned.
After an investigation, the server administrator has determined that the DHCP service is functioning, but a minimal number of addresses are available for lease. The building is on its own class C subnet and has 250 addresses in the scope. Which of the following represents a long term solution to the problem?

A. Manually delete address leases from DHCP.
B. Create reservations in DHCP for users frequently visiting this location.
C. Assign static IP addresses to visiting laptops.
D. Reduce the lease duration in the DHCP scope options to one da

Answer: D

NEW QUESTION 781
An administrator notes that after a recent power outage, some open files were corrupted on one affected file server. Which of the following items should the administrator consider to determine the cause of this corruption?

A. The servers memory
B. The servers RAID controller battery
C. The servers processor
D. The servers NIC teaming configuration

Answer: B

NEW QUESTION 786
A user calls the system administrator and states that they can no longer access the file server they had been working on all morning. To troubleshoot this problem, which step should the administrator take FIRST?

A. Reboot the file server.
B. Ask the user what they were doing when they noticed the problem.
C. Ask the user to reboot their PC.
D. Ask the user to ping the default gateway and report the response times back to the administrato

Answer: B

NEW QUESTION 787
While troubleshooting a video problem on an application server, the system administrator has determined that the video firmware should be updated. Which of the

following sources should be used to locate an appropriate update for this hardware? (Select TWO).

A. Third-party manufacturer
B. Video chipset manufacturer
C. Server manufacturer
D. Operating system manufacturer
E. Shareware file sharing site

Answer: BC

NEW QUESTION 790
A user is reporting that access to a file server is much slower than it has been. The system administrator completes a test of the server using a system monitoring tool and compares it to the previously taken baseline. The comparison shows that there are no significant changes in the use of system resources. Which of the following actions should be taken to resolve this users problem?

A. Add additional RAM to the users PC
B. Troubleshoot the users PC
C. Add additional RAM to the server
D. Add additional hard drive space to the server

Answer: B

NEW QUESTION 795
An administrator is planning an upgrade of a major software package on an application server.
The software has been tested successfully in a test environment and it is ready to go into production. Which of the following steps should the administrator take next?

A. Identify necessary operating system updates
B. Implement the change
C. Document the change
D. Schedule system down time

Answer: D

NEW QUESTION 800
In order to utilize most server management software, an administrator will have to install which of the following?

A. SNMP
B. SMTP
C. IPv6
D. UDP

Answer: A

NEW QUESTION 804
A SAN attached production file server is required to be backed up nightly according to company policy.
Recently the data to be backed up has increased to approximately 4TB. Currently, the server has a single attached LTO2 tape drive. Which of the following should the server administrator do to provide enough backup capacity for the nightly job?

A. Replace the backup software with a more efficient application.
B. Reduce the amount of data to be backed up.
C. Replace the LTO2 tape drive with an LTO3 tape drive.
D. Replace the single tape drive with a tape librar

Answer: D

NEW QUESTION 807
A server has 500GB of data that must be backed up nightly. The administrator has upgraded the old LTO2 drive to an LTO3, but the data still will not fit on a single tape. Which of the following additional steps should the administrator perform to accommodate the data? (Select TWO).

A. Enable compression on the new drive
B. Reformat all tapes
C. Delete unnecessary system files
D. Purchase LTO3 tapes for use in the new drive
E. Purchase new backup software

Answer: AD

NEW QUESTION 809
Which of the following provides the BEST security and accountability for a Data Center?

A. Entry logging
B. Combination locks
C. Card keys
D. Dead bolts

Answer: C

NEW QUESTION 814
Which of the following cable types can be used to decrease susceptibility to electronic eavesdropping?

A. Fiber optic
B. Fast Ethernet
C. Coaxial
D. Thicknet

Answer: A

NEW QUESTION 816
When running a Windows server, which option is used with the ping command to convert numerical addresses to host names?

A. -r
B. -a
C. -v
D. -n

Answer: B

NEW QUESTION 818
Which of the following backup types will reset the archive bit? (Select TWO).

A. Full
B. Compressed
C. Copy
D. Differential
E. Incremental

Answer: AE

NEW QUESTION 820
A technician wants to increase the reliability of a DHCP server. Which of the following components should be installed to increase the server's uptime on the network?

A. Increase the amount of RAM
B. Use a lower voltage power supply
C. Add a hardware firewall
D. Install redundant NICs

Answer: D

NEW QUESTION 825
Which of the following backup methods should be used nightly to ensure backups capture all necessary data in the LEAST amount of time?

A. Daily
B. Incremental
C. Normal
D. Differential

Answer: B

NEW QUESTION 828
An administrator is upgrading the backup server from a single tape drive to a SCSI tape library. The library has been unpackaged, mounted, and the library drivers installed. Which of the following items should the administrator have to connect the device to the backup server?

A. SCSI cable
B. SCSI interface adapter on the tape library
C. SCSI termination card on the server
D. iSCSI cable

Answer: A

NEW QUESTION 833
When installing external SCSI devices, terminators are required on: (Select TWO)

A. the SCSI adapter.
B. each device.
C. the first device.
D. the last device.
E. the servers parallel por

Answer: AD

NEW QUESTION 836
A company has recently upgraded all backup hardware and media from DLT IV to LTO3 tapes and tape drives. Several weeks after the upgrade, the development team discovers a corruption in one of the application servers and must restore from one of the DLT IV tapes.
Which of the following steps are necessary for the server administrator to use these tapes?

A. Reformat the DLT IV tape in LTO3 forma
B. Load the tape.
C. Install the DLT IV driver on the LTO3 driv
D. Load the tape.
E. Load the DLT IV tape into the LTO3 drive.
F. Replace the LTO3 drive with a DLT IV tape driv
G. Load the tap

Answer: D

NEW QUESTION 841
A technician is responsible for overseeing twelve remote offices. There was a report of a power outage at one of the remote offices the night before, and now one of the servers there has not rebooted even though it was shut down gracefully. The technician was forced to travel two hours just to turn the server on. Which of the following is the MOST cost effective way to prevent future travel?

A. Install a generator onsite.
B. Install a remote management card in the server.
C. Install an uninterruptible power supply (UPS) onsite.
D. Move the server to the main offic

Answer: B

NEW QUESTION 845
A technician has found that the uninterruptible power supply (UPS) connected to a server does not have sufficient battery power to allow the server to shutdown gracefully. Which of the following is the MOST cost effective way to allow this server to shutdown gracefully?

A. Install a second UPS.
B. Increase the size of the swapfile.
C. Increase the size of the pagefile.
D. Install an extended battery pack into the UP

Answer: D

NEW QUESTION 847
After installing a second processor and corresponding heatsink into a server, an administrator notices that the new processor is not showing up during POST. Which of the following could be the cause of this issue?

A. The power supply is not sufficient to power the server.
B. The voltage regulator module (VRM) was not installed.
C. The IRQ setting was not set.
D. The DMA setting was not se

Answer: B

NEW QUESTION 849
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