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 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 3
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 4
A server administrator is configuring a new server for an organization. The server will function as a firewall and proxy server, as well as provide NAT services for other devices on the network. Which of the following BEST describes how the network hardware on the server should be configured?

A. The server should have at least two NICs: one configured with an IP address on the inside network, and one with an IP address on the outside network.
B. The server should have at least two NICs: each NIC should be configured with an IP address on the same network segment.
C. The server requires only one NIC, as the NIC can be configured with two IP addresses: one for the inside network segment, and one for the outside network segment.
D. The server requires at least three NICs: one configured with an IP address for the intranet clients, one with an IP address on the inside network, and one with an IP address on the outside network.

Answer: A

NEW QUESTION 5
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 6
As a best practice, which of the following should be determined prior to provisioning a server? (Select TWO).

A. User accounts
B. Group accounts
C. Hostname
D. MAC address
E. Domain name
F. IP address

Answer: CF

NEW QUESTION 7
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 8
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 9
Which of the following server types translates FQDNs to IP addresses?

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

Answer: C

NEW QUESTION 10
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 10
Which of the following is the purpose of an NTP server?

A. For hosting instant messaging applications
B. For synchronizing clocks on network devices
C. For file sharing and collaboration
D. For hosting newsgroups

Answer: B

NEW QUESTION 15
An administrator needs to reconfigure a Linux server's operating system. Which of the following tools can the administrator use to access a command shell over the network? (Select TWO).

A. Connect with SSH
B. Connect with RDP
C. Connect with VNC
D. Connect with BASH
E. Connect with FTP

Answer: AC

NEW QUESTION 17
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 20
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 24
When attempting to diagnose service access issues between multiple hosts that coordinate information, which of the following can be used to track dependencies?

A. Dataflow diagrams
B. Architecture diagrams
C. Baseline documentation
D. Service manuals

Answer: A

NEW QUESTION 28
An organization has agreed on the software that will be used to virtualize the company's web servers. Which of the following should the administrator reference prior to purchasing physical servers to be deployed as hosts in the new virtual architecture?

A. The vendor's software compatibility list
B. The vendor's service level agreement
C. The vendor's hardware compatibility list
D. The vendor's end user licensing agreement

Answer: C

NEW QUESTION 31
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 34
A server administrator is researching the purchase of SSD for a server. The administrator receives a report from the datacenter technician detailing current storage requirements and future growth planning estimates as follows:
ServerA: Current-15TB-Future-50% growth ServerB: Current-20TB-Future-80% growth
Based on this report, which of the following represents the MINIMUM storage requirements needed?

A. ServerA-18TB, ServerB-24TB
B. ServerA-22TB, ServerB-22TB
C. ServerA-23TB, ServerB-36TB
D. ServerA-25TB, ServerB-40TB

Answer: C

NEW QUESTION 35
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 37
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 40
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 44
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 47
A server technician is performing a server installation. This server must be able to resolve host names for users running a variety of client operating systems. At a minimum, which of the following services should be enabled on the new server? (Select TWO).

A. NAT
B. DNS
C. LDAP
D. WINS
E. SNMP
F. DHCP

Answer: BD

NEW QUESTION 49
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 54
Which of the following protocols is considered stateless and utilizes TCP when communicating between a server and client?

A. IMAP
B. SMTP
C. HTTP
D. SSH

Answer: C

NEW QUESTION 57
A server technician needs to connect two servers with gigabit NICs without MDI-X in order to transfer files between them and is unable to locate a switch with gigabit ports. Which of the following types
of cables would allow the technician to connect the servers to obtain the FASTEST transfer rate possible?

A. Rollover cables
B. CAT6 crossover cables
C. CAT6 straight-through cables
D. CAT5 straight-through cables

Answer: B

NEW QUESTION 62
A server technician is connecting a server to a switch in the server room. Both the server and the switch are equipped with 10 Gigabit Ethernet adapters. Which of the following cable choices would produce the BEST throughput?

A. CAT6 rollover cable
B. CAT5e straight-through cable
C. CAT6 straight-through cable
D. CAT5e crossover cable

Answer: C

NEW QUESTION 67
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 69
In an effort to reduce recovery time during hardware failures, a server administrator needs to implement a backup method that will allow for complete OS and service/application recovery as long as compatible hardware is available. Which of the following backup types meets this requirement?

A. Incremental
B. Bare metal
C. Snapshot
D. Full

Answer: B

NEW QUESTION 71
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 72
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 76
A technician is asked to troubleshoot a server that constantly reboots. There are no error messages displayed on the server. Which of the following should the technician check?

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

Answer: A

NEW QUESTION 78
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 79
A database server stops responding to requests, and the administrator suspects that the server is experiencing memory faults during heavy network traffic and database access. Which of the following is the FIRST troubleshooting step?

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

Answer: B

NEW QUESTION 81

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

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

Answer: D

NEW QUESTION 86
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 89
Users on a network segment report that they are unable to connect to a newly installed file server. The file server IP address settings are as follows:
IP address: 10.0.10.254
Subnet Mask: 255.255.255.0
Default Gateway: 10.10.10.1
Which of the following changes should the server administrator make?

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

Answer: B

NEW QUESTION 93
A new DHCP server is placed on a network segment during off hours. When work resumes, users on a different network segment report connectivity issues. Users on the same network segment report no connectivity issues. Which of the following is the MOST likely reason for the connectivity issues?

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

Answer: C

NEW QUESTION 95
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 97
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 100
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 104
An administrator is asked to change a configuration using a GUI on a Windows server, but does not have access to a KVM. Which of the following is BEST to make the change?

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

Answer: C

NEW QUESTION 105
A system administrator is troubleshooting a network connectivity issue and runs ipconfig/all on the host. The command returns the following:
IPv4 Address: 169.254.0.12
Subnet mask: 255.255.0.0
The client is configured for DHCP. Which of the following commands should be run on the client to resolve this issue? (Select TWO).

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

Answer: AD

NEW QUESTION 110
A technician is assigned a task to configure a new server with six hard drives. The senior administrator requested the technician utilize the drives for maximum fault tolerance. Which of the following RAID configurations should the technician use?

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

Answer: C

NEW QUESTION 113
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 114
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 119
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 121
A server in a small company functions as a print server. Suddenly it stops sending print jobs to the printers. A technician verifies that the printers are working correctly. Additionally, the print spooler had been restarted and is running on the server, it is accessible from workstations, and it shows as being ready to accept print jobs. Which of the following has MOST likely caused the print server to stop processing print jobs?

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

Answer: D

NEW QUESTION 126
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 131
A server has been assigned a role of mail server. Which of the following services will be installed as a result of this selection?

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

Answer: B

NEW QUESTION 134
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 136
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 140
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 142
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 147
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 152
The logs on a server in a datacenter indicate that the server unexpectedly shut down minutes after the night cleaning crew started their shift. Which of the following is the MOST likely reason for the shut down?

A. A hard disk on the server failed.
B. A power surge occurred.
C. The CPU on the server overheated.
D. A memory module on the server faile

Answer: B

NEW QUESTION 157
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 158
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 159
A system administrator is tasked to setup a database server with failover clustering feature enabled. One of the requirements is to have one database running at all times with data being synchronized and replicated to the idle database in case the primary database server fails. Both servers will be monitored by a witness on a LUN. Which of the following cluster techniques should be implemented to meet these requirements?

A. Active/Active
B. Active/Passive
C. Single Local Quorum
D. Passive/Passive
E. Shared Multiple Quorum

Answer: B

NEW QUESTION 161
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 163
A server repeatedly crashes with a BSOD when running an application that uses a high amount of system resources. Which of the following hardware components MOST likely needs to be checked by a technician?

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

Answer: A

NEW QUESTION 165
In authentication, which of the following represents something you have?

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

Answer: C

NEW QUESTION 170
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 175
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 178
A company has 700 servers installed in 50 server racks in the datacenter. The Chief Technology Officer issued a memorandum to the IT department with a directive to reduce power and cooling consumptions by 50% in the datacenters. Which of the following should the system administrators recommend?

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

Answer: C

NEW QUESTION 179
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 181
A network administrator installs a new web server and notices that the server was configured with one quad-port NIC. In order to properly provision the hardware resources, how should the NIC be configured?

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

Answer: A

NEW QUESTION 184
An older server has performance problems writing files to a RAID array. After checking for failed
drives, no problems are found. Which of the following should be checked NEXT?

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

Answer: B

NEW QUESTION 186
Which of the following factors would cause a technician to select a hard drive over an SSD as a primary storage medium?

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

Answer: D

NEW QUESTION 187
Which of the following describes an alternate site where only the infrastructure (building, power, cooling) has been established?

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

Answer: D

NEW QUESTION 189
A technician is tasked by an administrator to patch a virtual machine. The technician needs to ensure that in case of failure, recovery of the virtual machine will be possible. Which of the following recovery principles should the technician employ?

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

Answer: B

NEW QUESTION 194
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 195
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 199
A technician is installing a rack mounted server into a rack in a datacenter with CRAC units and blanking panels. Blanking panels are used to:

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

Answer: B

NEW QUESTION 202
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 203
Which of the following power plug types would MOST likely be found in a medical facility?

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

Answer: D

NEW QUESTION 208
A system technician is asked to create a test environment that will consist of 45 computers and a file server. Which of the following types of servers is BEST suited for IP management in the lab network?

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

Answer: C

NEW QUESTION 213
Which of the following server types is commonly used for authentication and credential storage?

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

Answer: B

NEW QUESTION 217
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 221
A server technician needs to access a remote Unix server for administration. The technician has requested that ports 23, 25, and 161 be opened on the router. After the ports are opened, the technician is still unable to connect to the Unix server. Which of the following ports should be opened on the server to allow for remote administration?

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

Answer: B

NEW QUESTION 225
While performing routine testing of a hot standby site located at a remote hosting center, a system administrator is unable to access one of the server operating systems to verify functionality. Which of the following is MOST applicable to access the host?

A. KVM over IP
B. RDP over HTTP
C. Secure shell
D. Serial console access
E. VNC

Answer: A

NEW QUESTION 228
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 229
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 230
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 231
A system administrator is given a server with an existing OS installed and four empty SAS bays. The system administrator is asked to set up a new data drive for testing with 100GB of data. For the best possible performance, which of the following should the system administrator select for the data storage?

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

Answer: C

NEW QUESTION 234
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 237
An administrator has been tasked with making recommendations for purchasing new disks for a low I/O file server. Keeping in mind that budget and capacity are the primary concerns, which the following disk types should the administrator recommend?

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

Answer: A

NEW QUESTION 238
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 239
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 240
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 243
A server administrator implements external storage for a file server. At a later time, another administrator wants to extend this storage to a second server but is unable to connect to two servers simultaneously. Which of the following storage types was implemented by the first administrator?

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

Answer: A

NEW QUESTION 247
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 250
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 254
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 255
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 257
In order for a server to fully function as a web server, which of the following default ports should be open? (Select TWO).

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

Answer: BC

NEW QUESTION 259
Employees working for a company were harmed by toxic fumes during a fire. To prevent this from reoccurring, which of the following cable types is SAFEST to use?

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

Answer: B

NEW QUESTION 264
Which of the following replication methods is MOST appropriate when integrating data from multiple remote offices?

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

Answer: C

NEW QUESTION 266
Which of the following troubleshooting methods would be performed after resolving an issue?

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

Answer: C

NEW QUESTION 268
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 273
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 276
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 277
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 280
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 283
An administrator sees a message in the system console that a drive is bad in the single-volume JBOD storage array. A few minutes later, a user calls the help desk to report an inability to read a file from a
mapped drive. Which of the following should the administrator do?

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

Answer: C

NEW QUESTION 286
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 288
Multiple users report that an application attempting to open a file retrieved from a server reports that the file is corrupted. Which of the following applications can be used on the server to verify file integrity?

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

Answer: A

NEW QUESTION 292
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 295
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 300
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 301
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 302
A user is unable to save an image file to the home directory on a server. The server technician checks the disk space and ACL on the user's home directory and finds that the user has enough space and required access to write to the directory. Which of the following is the MOST likely reason why the user is unable to save the file?

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

Answer: A

NEW QUESTION 303
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 308
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 313
A technician is having problems sending a notification from a server. The technician suspects the firewall may be blocking traffic. Which of the following clients can be used to confirm the technician's suspicions?

A. traceroute
B. sendmail
C. nslookup
D. telnet

Answer: A

NEW QUESTION 316

An administrator needs to run five CAT6 cable runs to a new server. Which of the following steps should the administrator do FIRST?

A. Install the cables into cable trays.
B. Verify the bend radius of the cables.
C. Bundle the cables with velcro or zip ties.
D. Label both ends of the cables with unique identifier

Answer: D

NEW QUESTION 321
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 324
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 329
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 334
Which of the following RAID configurations consists of mirrored disks?

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

Answer: B

NEW QUESTION 338
Which of the following describes a root cause analysis?

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

Answer: A

NEW QUESTION 339
An administrator is using IPv4 on all servers. If a new technician installs only IPv6 on a workstation, which of the following servers will the workstation be able to access?

A. DHCP server
B. Domain controller
C. No servers
D. DNS server

Answer: C

NEW QUESTION 343
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 348
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 352
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 357
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 362
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 365
An outside contractor is hired to perform a business impact analysis of a simulated disaster. The contractor asks stakeholders what they think a hurricane would do to the business. This is an inadequate method because:

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

Answer: B

NEW QUESTION 369
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 374
Which of the following should a systems administrator create to enable network connectivity on a virtual machine? (Choose two.)

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

Answer: BE

NEW QUESTION 375
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 380
A server technician is connecting a server directly to a multilayer switch, without MDI-X. Which of the following cables should the server technician use?

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

Answer: D

NEW QUESTION 382
After installing a 1 TB hard drive, a technician notices the OS is reporting significantly less unformatted capacity than was expected. Which of the following is the root cause?

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

Answer: D

NEW QUESTION 387
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 390
After applying a set of OS patches, a systems administrator finds that, on reboot, a server hangs with a blinking cursor after the system POST. Which of the following should the administrator do FIRST?

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

Answer: A

NEW QUESTION 391
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 394
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 396
Which of the following access control methods allows or blocks devices based on MAC addresses?

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

Answer: A

NEW QUESTION 397
Which of the following commands displays the network path between two devices?

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

Answer: B

NEW QUESTION 401
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. Baffiles
D. Liquid cooling

Answer: C

NEW QUESTION 404
A telephone company is responsible for maintaining a list of 25 million names and phone numbers for inclusion in printed phone books as well as in an inline phone directory accessible on the company's website. Which of the following types of servers would be MOST appropriate to store its information?

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

Answer: B

NEW QUESTION 408
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 412
Which of the following ports should be open if a server is configured as an email server with high security for incoming connections? (Choose two.)

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

Answer: DE

NEW QUESTION 416
Which of the following MUST be configured to automate client deployment over PXE boot? (Choose two.)

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

Answer: CD

NEW QUESTION 420
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 424
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 429
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 432
A server technician is notified that Linux web services are no longer accessible. The technician is at a remote site only has access to a Windows workstation. Which of the following should the technician use to remotely restart the web services?

A. Connect to the server using SSH
B. Connect to the server using RDP
C. Connect to the server using SCP
D. Connect to the server using FTPS

Answer: B

NEW QUESTION 437
A server has five hot swappable drives in a hardware RAID 5 configuration. One of those drives has issued a predictive failure warning to the server's management console. Which of the following is the BEST course of action?

A. Replace the drive and restore data from backup
B. Reformat the drive and restore data from backup
C. Reformat the drive and have the RAID controller rebuild the configuration
D. Replace the drive and have the RAID controller rebuild the configuration

Answer: C

NEW QUESTION 442
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 443

A server administrator is deploying a new database server and wishes to maximize the number of IOPS. Which of the following disk types would BEST accomplish this goal?

A. 500 GB SATA SSD drives
B. 600 GB 15000 rpm SAS drives
C. 800 GB 10000 rpm SAS drives
D. 1 TB 7200 rpm SATA drives

Answer: A

NEW QUESTION 448
A technician is selecting a UPS to use with a blade enclosure containing five blades with room for an additional seven blades. The blade enclosure is currently consuming 2500W of power, and each additional blade will need 200W of power. Assuming runtime to be less than a minute, which of the following is the MINIMUM amount of UPS wattage needed for the blade enclosure with all blades installed?

A. 3500W
B. 4000W
C. 4500W
D. 5000W

Answer: B

NEW QUESTION 453
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 454
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 458
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 460
A technician is configuring the IP networking portion on a server installation. Which of the following types of IP addresses would be BEST to use for this server?

A. APIPA
B. Dynamic
C. Static
D. Reserved

Answer: C

NEW QUESTION 464
A technician has a server with ten hard drives in a RAID 6 configuration. Which of the following is the MAXIMUM number of drives that can fail in the array while maintaining data integrity?

A. 1
B. 2
C. 3
D. 4

Answer: B

NEW QUESTION 465
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 469
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 470
Which of the following are the MOST appropriate permissions to set on files required to be publicly accessible but only modified by the file's original owner?

A. rw-rw-r--
B. r--r--r--
C. rwxrwxr--
D. rwxrwxr-x

Answer: A

NEW QUESTION 472
Which of the following components is required to connect multiple servers to a SAN?

A. Router
B. HBA
C. RAID controller
D. Fiber switch

Answer: B

NEW QUESTION 473
An auditor wants to reduce the server footprint in a company's remote datacenter to decrease
hosting costs. Regarding life-cycle management, which if the following is the auditor MOST likely to look for in reviewing the company's asset data?

A. Make, model, asset tag, and serial number
B. Procurement date, current usage, and scheduled end of life
C. Licensing, warranty expiration date, and efficiency
D. Server configuration, MTBF, and replacement cost

Answer: B

NEW QUESTION 474
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 478
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 481
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 483
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 486
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 489
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 494
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 495
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 497
Which of the following is an advantage of blade servers over rack-mount servers?

A. Reduced power consumption
B. Enhanced virtualization support
C. Decreased number of servers per rack

D. Increased security

Answer: A

NEW QUESTION 501
When installing processors with mixed stepping levels in a server, which of the following guidelines must be followed? (Select TWO).

A. The processors must have different frequencies set to operate.
B. The processor with the highest feature set must be the bootstrap processor.
C. The processors must have different cache sizes set to operate.
D. The processors must have the same cache size set.
E. The processor with the lowest feature set must be the bootstrap processo

Answer: DE

NEW QUESTION 504
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 507
A user is unable to connect to the company's intranet server by FQDN, but can connect by IP address. Other users are not having a problem. An administrator verifies that the user can successfully ping the server by IP address and can properly resolve the FQDN using nslookup.
The problem is persisting after running ipconfig /flushdns. Which of the following should the administrator do NEXT?

A. Examine the lmhost file.
B. Flush the cache on the DNS server.
C. Flush the cache on the WINS server.
D. Examine the hosts fil

Answer: D

NEW QUESTION 511
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 514
Which of the following can limit cabling mistakes?

A. Proper labeling
B. Asset management
C. Keeping good vendor logs
D. Keeping up-to-date repair logs

Answer: A

NEW QUESTION 515
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 519
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 522
Which of the following must be configured on printers so that the server can properly monitor details on page counts?

A. WMI
B. DHCP
C. SNMP
D. MIB

Answer: C

NEW QUESTION 527
An administrator receives a call from a user who is unable to receive email. After troubleshooting the administrator is able to resolve the issue and verify that user is able to access email again.
Which of the following is the NEXT step that the administrator should take?

A. Implement preventative measures.
B. Close the issue.
C. Document the outcome.
D. Other users to make sure they are not having the same issu

Answer: C

NEW QUESTION 528
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 530
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 535
Which of the following file types can Microsoft servers package for remote installation by default?

A. .exe
B. .ini
C. .msi
D. .dll

Answer: C

NEW QUESTION 536
Which of the following BEST describes the difference between RAID 5 and RAID 6?

A. RAID 5 uses a dedicated parity drive and RAID 6 does not.
B. RAID 6 uses a dedicated parity drive and RAID 5 does not.
C. RAID 6 uses more parity drives than RAID 5.
D. RAID 5 uses more parity drives than RAID 6.

Answer: C

NEW QUESTION 538
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 543
Which of the following is BEST described as a storage system that can be connected to multiple servers through a fiber channel?

A. JBOD
B. SAN
C. DAS
D. NAS

Answer: B

NEW QUESTION 544
When an administrator is troubleshooting a system, which of the following describes the NEXT course of action if a change does not solve the problem?

A. Establish a new theory of probable cause.
B. Reverse the change.
C. Implement the next logical change.
D. Perform a root cause analysi

Answer: B

NEW QUESTION 545
Which of the following components found in a legacy server has a 16-bit bus?

A. USB
B. PCI
C. ISA
D. AGP

Answer: C

NEW QUESTION 550
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 553
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 558
After applying a new driver to a NIC, the server reboots and fails to restart. Which of the following is the BEST way to resolve the problem?

A. Boot using recovery console and restore the previous driver.
B. Boot the server, press F8 and access last known good configuration.
C. Restore the server using last backup tape.
D. Boot the server with ASR optio

Answer: B

NEW QUESTION 560
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 562
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 564
Users have reported that they cannot access certain Internet sites. An administrator wants to test that the sites are properly resolving to an IP address. Which of the following tools would allow the administrator to test name resolution?

A. net view
B. ipconfig
C. dig
D. ifconfig

Answer: C

NEW QUESTION 565
A new server was installed for the purpose of monitoring network traffic. The network has been configured in such a way that all traffic will be mirrored out the port this server is connected to. When reviewing the network traffic logs on the server only traffic destined to the server is listed in the logs.
Which of the following is preventing the server from seeing all network traffic?

A. NIC filtering is enabled.
B. Port security is configured.
C. NIC is not in promiscuous mode.
D. NIC is in promiscuous mod

Answer: C

NEW QUESTION 566
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 571
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 572
Which of the following would be an advantage to using a blade server as opposed to a rack mount server?

A. Blade servers allow for internal tape drives
B. Blade servers offer more rack density
C. Blade servers are typically faster
D. Blade servers allow for more RAM

Answer: B

NEW QUESTION 574
A technician has a current baseline and is told to install additional memory and a faster NIC card. At which point in time should the next baseline be run?

A. After the memory is installed
B. Before the upgrade is performed
C. After the NIC is installed

D. After the upgrades are performed

Answer: D

NEW QUESTION 579
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 582
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 586
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 589
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 590
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 591
Which of the following ports does a telnet application utilize?

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

Answer: B

NEW QUESTION 596
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 601
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 605
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 608
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 610
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 612
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 614
An administrator is required to backup 250GB nightly utilizing a single LTO2 tape. The administrator reports that the tape drive is running out of available space before the job completes. Which of the following would allow the administrator to backup this data? (Select TWO).

A. Enable compression on the LTO2 drive
B. Utilize LTO3 tapes in the existing drive
C. Reduce the amount of data on the backup
D. Replace the LTO2 with LTO3 drive and tapes
E. Divide the data and back up half one night and half the next

Answer: AD

NEW QUESTION 616
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 619
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 621
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 625
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 629
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 633
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 637
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 639
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 644
Which of the following is a standard IEEE 1394 transmission speed?

A. 100Mbps
B. 400Mbps
C. 480Mbps
D. 1000Mbps

Answer: B

NEW QUESTION 649
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 651
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 656
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 657
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 661
When cabling a rack, which of the following is BEST practice?

A. Use rack specific cabling hardware
B. Let cables hang loosely behind the servers
C. Channel all power cables down the sides, and all network cables down the center
D. Keep cables close to the front of the rack for better access

Answer: A

NEW QUESTION 665
Which of the following is a bus mastering method? (Select TWO).

A. A device transfers data directly to the memory.

B. A device handles mediation between the northbridge and the processor.
C. A device connects to another device without involving the processor.
D. A device transfers data to the processor and then on to the memory.
E. A device handles mediation between the southbridge and the processo

Answer: AC

NEW QUESTION 669
Which of the following defines memory interleaving?

A. The distribution of data written across all the memory DIMMs and the L1 cache
B. The distribution of data written across all the memory DIMMs in one bank
C. The distribution of data written across all the memory DIMMs and the processor
D. The distribution of data written across all the memory DIMMs and the L2 cache

Answer: B

NEW QUESTION 670
Which of the following multifactor authentication methods does the smart card satisfy?

A. Something you have
B. Something you know
C. Something you are
D. Something you look like

Answer: A

NEW QUESTION 672
An administrator needs to build a new virtualization host. The hypervisor should be able to directly access the server hardware and allow the host to provide maximum performance. Which of the following types of hypervisors should the administrator install to BEST meet these goals?

A. Install a Type 1 hypervisor.
B. Install a Type 2 hypervisor.
C. Install a 32-bit hypervisor.
D. Install a hybrid hyperviso

Answer: A

NEW QUESTION 674
A server is installed in a location that is prone to power failures. While the server is connected to a UPS, the systems administrator is still concerned about ensuring the integrity of the data being written to the RAID array. Which of the following is the systems administrator MOST likely to do?

A. Install additional memory on the RAID controller.
B. Install redundant RAID controllers.
C. Install battery-backed cache on the RAID controller.
D. Install updated firmware on the RAID controlle

Answer: C

NEW QUESTION 678
A technician needs to replace a hot swap coolong fan in a server. The server resides at U26 of a 42U rack that is fully populated with servers. The technician is unable to remove the server from the rack without powering off the server first. Which of the following should have been installed at the time the server was installed in the rack?

A. A UPS
B. Cable management arms
C. Server rail kits
D. Management modules

Answer: C

NEW QUESTION 683
An administrator is attempting to connect a laptop directly to a server's 100Mbps management NIC. Which of the following cables should the administrator use ?

A. Rollover
B. Straight through Cat 5
C. Straight through Cat 5e
D. Crossover

Answer: D

NEW QUESTION 686
In terms of security, which of the following comprises « something you have » ?

A. ID card

B. user ID
C. Password
D. Retina scan

Answer: A

NEW QUESTION 688
A systems administrator is tasked to add an existing user to an existing group on a local Linux system. Which of the following files should be edited to accomplish this task?

A. /etc/group file
B. /etc/passwd file
C. /etc/hosts file
D. /etc/group_membership file

Answer: B

NEW QUESTION 692
An administrator is deploying 1000 new servers in a datacenter. A vendor will install the servers on racks and connect cables. Which of the following technologies would BEST for the administrator to use to install operating systems to all 1000 servers in the shortest time possible? (Select two.)

A. SFTP
B. TFTP
C. PXE
D. UDP
E. USB
F. DVD

Answer: C

NEW QUESTION 694
An administrator notices that several servers have become noticeably slower. Logs show that an optional update was applied to these same servers. A BEST practice before running updates is:

A. to run a performance baseline
B. to update the BIOS firmware
C. to have a complete backup of the server
D. to restart the servers

Answer: A

NEW QUESTION 699
As a best practice, which of the following should be performed before placing a server on a network?

A. Secure the disk
B. Secure the server rack
C. Harden the OS
D. Install the application

Answer: C

NEW QUESTION 700
When using multifactor authentication, which of the following describes something you have?

A. An ID card
B. A PIN
C. A fingerprint
D. An access list

Answer: A

NEW QUESTION 704
A server technician is trying to minimize power outages using a UPS that is plugged into an outlet in the server room. Given this scenario, which of the following procedures should be followed to minimize outages?

A. Ensure the UPS has a dedicated circuit
B. Ensure the UPS circuit is shared with the office
C. Ensure the UPS is connected to the main UPS
D. Ensure the UPS is connected to a surge protector

Answer: A

NEW QUESTION 707
An administrator has been asked to put together a JBOD. Which of the following interfaces supports redundant controller? (Choose two.)

A. DVD
B. SAS
C. SATA
D. SSD
E. USB

Answer: BC

NEW QUESTION 711
During a power outage, the battery on the server motherboard is used to:

A. keep the NIC information
B. power the server in case main power is disconnected
C. power the RAM
D. keep the CMOS information

Answer: D

NEW QUESTION 712
A company implements a cold site for disaster recovery purposes due to a risk of hurricanes at its headquarters location. Which of the following BEST describes why the company chose to use a cold site?

A. Cold sites have fewer hurricanes than warm or hot sites.
B. A hot or warm site would have a higher MTTR than a cold site
C. Cold sites are the easiest to implement in the event of a disaster
D. A hot or warm site would have higher setup and ongoing costs

Answer: D

NEW QUESTION 717
A systems administrator wishes to improve security in a datacenter. The administrator wants to be alerted whenever a hard drive is removed from the server room. Which of the following security measures would BEST accomplish this?

A. RFID chips
B. Security cameras
C. Server and cabinet locks
D. Mantrap
E. Proximity reader

Answer: A

NEW QUESTION 719
A server technician has just replaced an Ethernet card in a server. Per company policy, all servers' network settings must be manually configured. The technician verified that the server can ping other servers on its subnet, but it cannot ping any servers that are on subnets other than its own. Which of the following is MOST likely the cause of this issue?

A. The server is not joined to the domain
B. The default gateway is misconfigured
C. The subnet mask is misconfigured
D. The WINS is misconfigured

Answer: B

NEW QUESTION 722
An administrator needs to securely dispose of 150 computers with SATA HDDs. Which of the following methods would ensure all data is erased in the MOST secure manner?

A. Use a degaussing tool on the hard drives
B. Use disk-wiping software
C. Use a utility to zero-fill the hard drive
D. Use a shredder to physically destroy the platters
E. Use fdisk to destroy the partition table

Answer: D

NEW QUESTION 723
A server with a large amount of storage but not necessarily a very fast CPU would be BEST suited for which of the following applications?

A. DNS server
B. File server
C. DHCP server
D. Proxy server

Answer: B

NEW QUESTION 724

An administrator receives a call from a user reporting that one of the application servers is not accessible by host name but is accessible via an IP address. Which of the following is the MOST likely issue?

A. The DNS reverse lookup zone is misconfigured.
B. The DNS MX record type is misconfigured.
C. The DNS resource record is missing.
D. The DNS forward lookup zone is missin

Answer: C

NEW QUESTION 725
A server that can store extensible schema and communicate using SQL for describing transactions to be performed is commonly called a:

A. database server
B. directory server
C. web server
D. messaging server

Answer: A

NEW QUESTION 727
A systems administrator has created a guest VM on a hypervisor host. The guest VM would need to have a dynamic IP address assignment on the same subnet as the hypervisor. Which of the following network connectivity types should the administrator configure?

A. Bridging
B. NAT
C. VLAN
D. Spoofing

Answer: A

NEW QUESTION 730
Which of the following permissions would enable users to modify files or directories on a server?

A. Access
B. Execute
C. Read
D. Write

Answer: D

NEW QUESTION 731
After installing the operating system on a new server, which of the following best practices should be completed before joining the server to the domain? (Choose two.)

A. Create a configuration and performance baseline
B. Give the server a non-standard hostname so it is not recognized
C. Install all roles and applications that may be needed
D. Ensure all latest security patches are installed
E. Detach network cables and ensure power is on redundant PDUs

Answer: AD

NEW QUESTION 736
A remote datacenter that runs in parallel with a main datacenter, with devices powered on and communication taking place between the two datacenters, is known as which of the following?

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

Answer: A

NEW QUESTION 739
A Unix server completes POST successfully. The server starts to boot but crashes and halts on a transport error. Which of the following components should a technician check FIRST?

A. Video card
B. Cooling fan
C. Memory module
D. Hard drive

Answer: D

NEW QUESTION 744

A technician has installed an additional CPU into a server, but now the server is failing to pass POST. After verifying the CPU speed and multiplier, which of the following does the technician need to check for potential causes?

A. ECC
B. CAS
C. Stepping
D. Bus size

Answer: C

NEW QUESTION 748
Which of the following OSs would be the MOST appropriate to manage a server with an Active Directory?

A. Linux Ubuntu
B. Linux Fedora
C. Mac OS X
D. Windows Server 2013 Enterprise

Answer: D

NEW QUESTION 750
A systems administrator has been tasked to set up a new server to assign IP addresses on the network. The network administrator logs into the server, but cannot find the management tool to
create a scope. Which of the following MOST likely happened to cause this?

A. The systems administrator did not configure the routing and remote access server role.
B. The systems administrator configured the wrong NTP server address.
C. The systems administrator forgot to unblock port 67/68 in the firewall.
D. The systems administrator did not install the DHCP server rol

Answer: D

NEW QUESTION 753
Which of the following plans describes the process by which an organization manages a major outage?

A. Contingency
B. Site-to-site backup
C. Disaster recovery
D. Business continuity

Answer: D

NEW QUESTION 755
A company hires a third-party vendor to perform a vulnerability scan of the network from outside the network. Which of the following pieces of information will be included in the scan results? (Choose two.)

A. List of open ports
B. List of OS patches to install
C. Date of installed virus definitions
D. List of server BIOS passwords
E. List of firmware versions

Answer: AB

NEW QUESTION 757
A server administrator wants to increase the availability of a web server without implementing a cluster. Which of the following would accomplish this task?

A. Configure round robin DNS entries
B. Configure an active/active service
C. Configure an active/passive service
D. Configure two servers with the same IP address

Answer: D

NEW QUESTION 762
Immediately following a BIOS firmware update, a server detects an overheat condition and shuts down after five minutes. Which of the following should the systems administrator do FIRST?

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

Answer: A

NEW QUESTION 765

An administrator is determining hardware requirements for a new, virtualized test environment. The vendor requires 8Gb of RAM for each host and 2Gb of RAM for each guest. If the server has a total of 32Gb of RAM, which of the following describes how many hosts and guests the server can support?

A. 4 hosts and 0 guests
B. 2 hosts and 8 guests
C. 1 host and 12 guests
D. 1 host and 16 guests

Answer: C

NEW QUESTION 767
A user notices that when plugging a company-assigned laptop into a network port it is able to get an IP address via DHCP. However, when plugging a personal laptop into the same port, it does not get a valid IP address. Which of the following is the MOST likely cause of this?

A. The company is using 802.1X port security.
B. The personal laptop is using an unsupported operating system.
C. The network cable is only Cat 5e.
D. Port 53 is closed on the personal lapto

Answer: A

NEW QUESTION 769
A systems administrator is inspecting a file server setup with a RAID 10 configuration among four 160GB SAS drives. The administrator has replaced all of the drives with 500GB SAS drives. Which of the following storage tools should the administrator use NEXT to effectively administer the change?

A. Disk management tool
B. Disk monitoring tool
C. Disk cloning tool
D. Disk partitioning tool

Answer: A

NEW QUESTION 774
An administrator needs to back up files from a server to the cloud. The administrator must select the most efficient type of backup technology that will update file changes the fastest and utilize the least amount of bandwidth. Which of the following backup technologies should the administrator select?

A. File-level backups
B. Block-level backups
C. Snapshot-level backups
D. Folder-level backups

Answer: B

NEW QUESTION 776
An employee is working from home and has to dial into the system. The employee is able to connect to the network but is unable to authenticate. Which of the following is MOST likely offline?

A. Router
B. RADIUS server
C. DHCP server
D. Firewall

Answer: B

NEW QUESTION 779
A technician was assigned new storage for the server from the storage administrator. The technician is unable to see the storage on the server, but the previously assigned storage is visible and working properly. Which of the following should the technician do FIRST in order to see the storage on the server?

A. Perform a rescan of the disk.
B. Install the storage device drivers.
C. Assign a drive letter to the new storage.
D. Format the new storag

Answer: A

NEW QUESTION 783
A technician wants to copy files from one server to another by connecting the servers directly. Which of the following cables should the technician install to achieve this?

A. Cat 5e crossover
B. Cat 6 straight through
C. Single-mode fiber
D. Multimode fiber

Answer: A

NEW QUESTION 784
Which of the following storage techniques would be BEST suited for distributing backups across a large LAN?

A. NAT
B. SAN
C. BAE
D. JBOD

Answer: B

NEW QUESTION 785
An administrator has 120V, 150-amp service in the datacenter. Which of the following is the MAXIMUM number of servers with a faceplate rating of 65W that can be racked in the datacenter?

A. 200
B. 225
C. 250
D. 275
E. 300

Answer: D

NEW QUESTION 790
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