CompTIA Server+ SK0-003 - By-Gagan108

CompTIA Server+ SK0-003
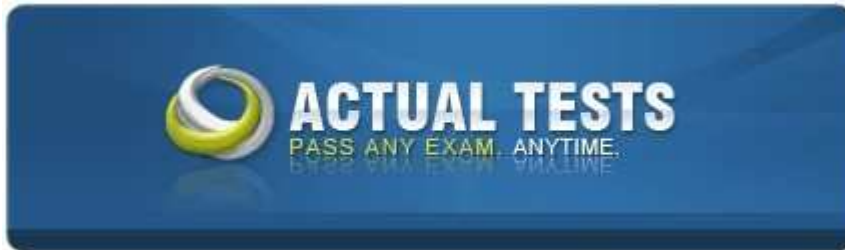
CompTIA Server+ (2010 Edition)
Version: 5.3

By Gagan108.

Exam A

QUESTION 1
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
A stripe set of maximum size is to be configured using two physical disks. One disk has 150GB and the other has 250GB in unallocated space. Which of the following will be the size of the stripe set?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Users report that they are unable to connect to a server. An administrator confirms that it is unreachable across the network. Other administrators have been working in the server room throughout the day. Which of the following is the NEXT step the administrator should take?

A. Verify the configuration of the connected port on the network switch.

B. Reboot the server.
C. Install a new NIC on the server.
D. Verify that network cables are connected.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
Which of the following concepts is described as multiple logical subnets traversing the same physical network?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
Which of the following must be done to properly conduct testing of the data backup portion of a disaster recovery plan?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Which of the following is the MOST important consideration before making a change to a server?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
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 server.

Correct Answer: C
Section: (none)
Explanation

QUESTION 11
Which of the following BEST describes server virtualization?

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

Correct Answer: D
Section: (none)
Explanation

QUESTION 12
Which of the following are benefits of the HCL? (Select TWO).

A. Enhanced stability
B. Vendor supported
C. Higher number of available component choices
D. Lower cost
E. Enhanced security

Correct Answer: AB
Section: (none)
Explanation

QUESTION 13
Which of the following is the minimum number of drives in an RAID 0 configuration?

A. 2
B. 3
C. 4
D. 5

Correct Answer: A
Section: (none)
Explanation

QUESTION 14
A user cannot access files on /deps/it directory, the administrator verifies permissions are set rw------- for the directory. Which of the following actions need to be performed to only grant read access to the user on the IT directory?

A. Set folder permissions to 760.

B. Set folder permissions to 770.
C. Set folder permissions to modify.
D. Set folder permissions to full control.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
Which of the following BEST describes how server virtualization can cut down IT costs?

A. Server virtualization increases server application performance allowing productivity to be increased.
B. Server virtualization simplifies server administration and reduces the IT department staffing needs.
C. Server virtualization implements higher security measures at the server OS level reducing the need for other security implementations.
D. Server virtualization is a more efficient use of hardware for multiple servers reducing the resource utilization.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
5 / 114
The safer , easier way to help you pass any IT exams.

QUESTION 16
Which of the following expansion cards should be installed into a server to provide iSCSI SAN connectivity?

A. HBA
B. PBX
C. VoIP
D. NIC

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
Which of the following technologies allows multiple logical subnets to span an entire physical switched network?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
Which of the following is the BEST recovery method for a server that only aggregates report data and stores data on separate servers?

A. Full
B. Disk imaging
C. Incremental
D. Tape backup

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Which of the following internal storage technologies has the HIGHEST single drive storage capacity?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Which of the following is a benefit of NAS over SAN?

A. Higher data integrity
B. Lower cost of implementation
C. Higher redundancy
D. Increased performance

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Uses are unable to print to any of the network printers. Which of the following should the administrator perform FIRST?

A. Reboot the printer server.

B. Reinstall the drivers for the printers.
C. Restart the print spooler service.
D. Reboot the printers.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Which of the following Microsoft technologies allows for file replication between servers?

A. SMS
B. SYSVOL
C. DFS
D. NTFS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Which of the following RAID arrays should be used to achieve a fault tolerant array with at least 1TB of storage space?

A. Five 250GB drives in RAID 0
B. Six 250GB drives in RAID 5
C. Three 250GB drives in RAID 10
D. Six 250GB drives in RAID 1

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
In order to provide the lowest access latency, the optimal place for the system swap file is on:

A. an external USB 1.1 4200RPM drive with 8MB of Cache.
B. the fastest storage device available in the system.
C. a 10K RPM SCSI Drive with 2MB of Cache.
D. the operating system partition.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
Which of the following items would MOST likely be kept in a documentation file for each server? (Select TWO).

A. Cost of the equipment
B. The users home directories
C. Server configuration
D. Warranty information
E. Accessories that came with the system

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
Which of the following BEST describes the difference between differential and incremental backups?

A. An incremental backup requires fewer tapes for restoration than a differential backup.
B. A differential backup tape takes less time than an incremental backup tape.
C. A differential backup requires fewer tapes for restoration than an incremental backup.
D. An incremental backup tape costs less than a differential backup tape.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
The backup utility reports an error while performing the backup process. The server indicates no other problems. Which of the following is the MOST likely cause of the failed backup?

A. Network is unavailable
B. The backup software is misconfigured
C. The current backup tape is bad
D. The wrong size backup tapes were loaded

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
An administrator has encountered a problem with a particular piece of software installed on the server and begins the troubleshooting process. Which of the following is the FIRST place the administrator should look for specific information about the problem?

A. The supporting documentation

B. The vendors website
C. The Internet
D. The servers event logs

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
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 cooling.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
Which of the following ports does a telnet application utilize?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
Which of the following is the MOST common problem that occurs in server rooms?

A. Excessive cooling
B. Dust buildup
C. Poor ground wires
D. Wet floors

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
Which of the following is an environmental server maintenance task that should be performed every three months?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
An administrator has just installed a new NIC into the server. The system POSTs fine and the NIC is recognized by the OS, but it does not receive an IP address. Which of the following is the MOST likely cause of this?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
Which of the following RAID arrays performs mirroring of the disks first, then striping of the disks?

A. RAID 1
B. RAID 0+1

C. RAID 6
D. RAID 10

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
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

Correct Answer: C
Section: (none)
Explanation

QUESTION 39
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

Correct Answer: ADE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
A company has a corporate office building that is used by 50 to 100 unique visitors each day for meetings. Users routinely report that they are unable to access the network with their laptops when visiting this location.

The help desk reports that these users are not getting IP addresses automatically assigned.

After an investigation, the server administrator has determined that the DHCP service is functioning, but a minimal number of addresses are available for lease.

The building is on its own class C subnet and has 250 addresses in the scope. Which of the following represents a long term solution tothe problem?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
A user calls the system administrator and states that they can no longer access the file server they had been working on all morning. To troubleshoot this problem, which step should the administrator take FIRST?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
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

Correct Answer: BC
Section: (none)

Explanation

Explanation/Reference:

QUESTION 45
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48

A SAN attached production file server is required to be backed up nightly according to company policy.

Recently the data to be backed up has increased to approximately 4TB. Currently, the server has a single attached LTO2 tape drive. Which of the following should the server administrator do to provide enough backup capacity for the nightly job?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
Which of the following cable types can be used to decrease susceptibility to electronic eavesdropping?

A. Fiber optic

B. Fast Ethernet

C. Coaxial

D. Thicknet

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
For client computers to access the Internet when using DHCP, the DHCP server must have configurations for at LEAST which of the following? (Select TWO).

A. Gateway address

B. SNA server

C. Mail server

D. Web server

E. Subnet mask

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
When running a Windows server, which option is used with the ping command to define the number of packets transmitted?

A. -n

B. -a

C. -r

D. -v

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
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

Correct Answer: B
Section: (none)

Explanation

Explanation/Reference:

QUESTION 55
Which of the following backup types will reset the archive bit? (Select TWO).

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

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
Which of the following memory types is located in the processor chip?

A. EDO
B. L1
C. xD
D. DDR

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
For a technician to test network connectivity to a remote host on a Unix Server which of the following commands should they run?

A. IPCONFIG
B. PING
C. ARP
D. IFCONFIG

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58
A technician wants to increase the reliability of a DHCP server. Which of the following components should be installed to increase the server's uptime on the network?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
Which of the following is a standard IEEE 1394 transmission speed?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
Which of the following offers the highest level of redundancy in the design of a storage system?

A. A Dual Port HBA with a pair of Point-To-Point connections to the SAN.
B. Two Single Port HBAs connected to a fiber switch.
C. A Dual Port HBA with a Point-To-Point connection to a SAN.
D. Two Dual Port HBAs connected to a pair of fiber switches.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
An administrator is upgrading the backup server from a single tape drive to a SCSI tape library. The library has been unpackaged, mounted, and the library drivers installed. Which of the following items should the administrator have to connect the device to the backup server?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
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 port.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
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 format. Load the tape.
B. Install the DLT IV driver on the LTO3 drive. Load the tape.
C. Load the DLT IV tape into the LTO3 drive.
D. Replace the LTO3 drive with a DLT IV tape drive. Load the tape.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65

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

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66
A technician has found that the uninterruptible power supply (UPS) connected to a server does not have sufficient battery power to allow the server to shutdown gracefully. Which of the following is the MOST cost effective way to allow this server to shutdown gracefully?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
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 set.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 69
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 processor.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 71
A technician wants to compare a new servers performance over a period of time. Which of the following should the technician do FIRST?

A. Monitor processor performance logs
B. Constantly check the task manager
C. Use performance server logs
D. Establish a baseline for the server

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
While working in the server room a technician notices that water is forming on the walls of the server room.
Which of the following is the BEST course of action to correct the problem?

A. Contact facilities staff to adjust the humidity levels.
B. Leave the temperature the same, after time it will evaporate on its own.
C. Lower the temperature, the cold air will help the water evaporate.
D. Contact facilities staff to raise the temperature of the room.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
An administrator is creating a comprehensive backup system to backup a single web server. Which of the
following is the BEST way to provide full restore?

A. Take an image backup nightly while the server is online.
B. Take an incremental backup while the server is offline.
C. Take a monthly snapshot backup while the server is online.
D. Take a differential backup while the server is online.

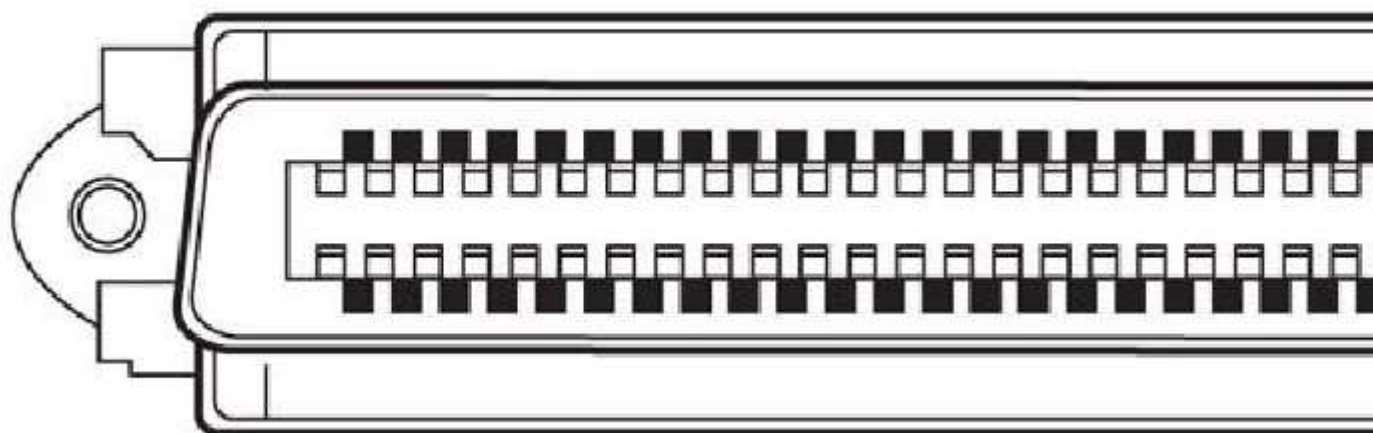**Correct Answer:** A
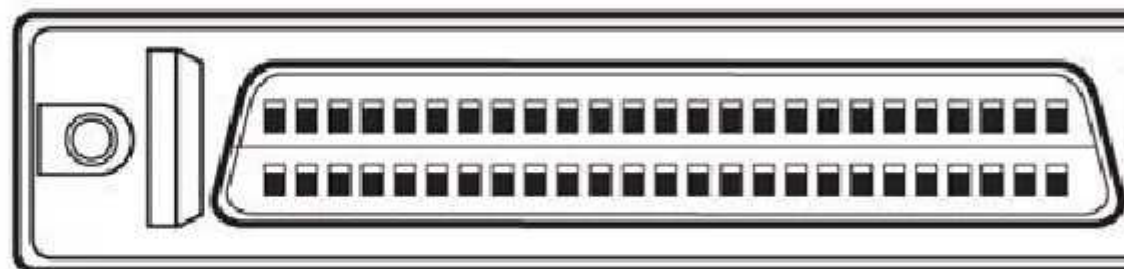**Section: (none)**
Explanation

Explanation/Reference:

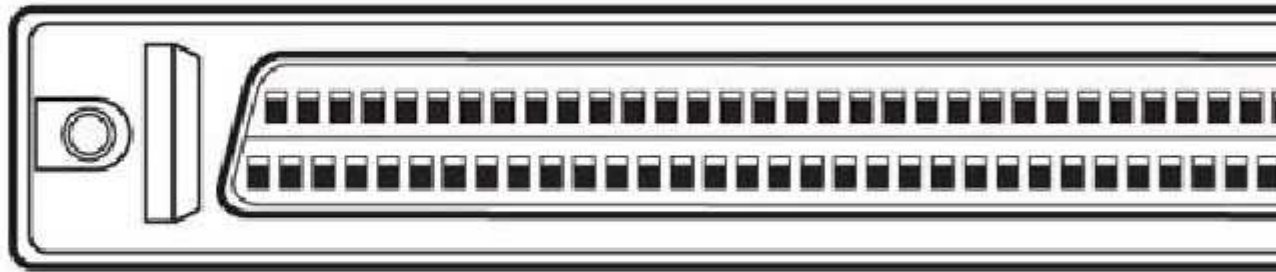**QUESTION 74**
Which of the following connectors is image A?

A. 80 Pin SCSI Connector
B. 68 Pin SCSI Connector, High Density
C. 50 Pin SCSI Connector, High Density
D. 50 Pin SCSI Connector, Low Density

Correct Answer: D
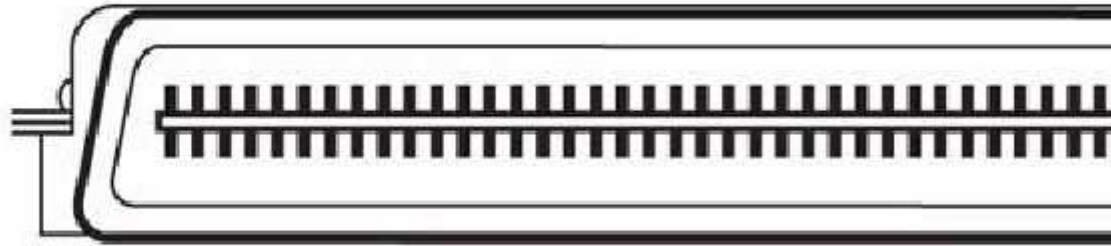**Section: (none)**

Explanation

Explanation/Reference:

QUESTION 75
Which of the following connectors is image D?

A. 80 Pin SCSI Connector
B. 68 Pin SCSI Connector, High Density
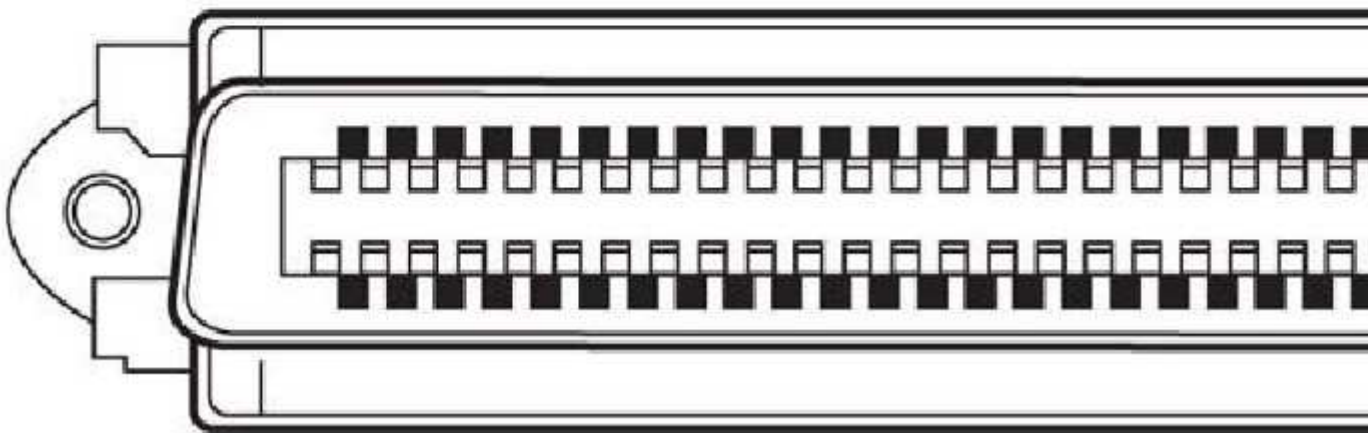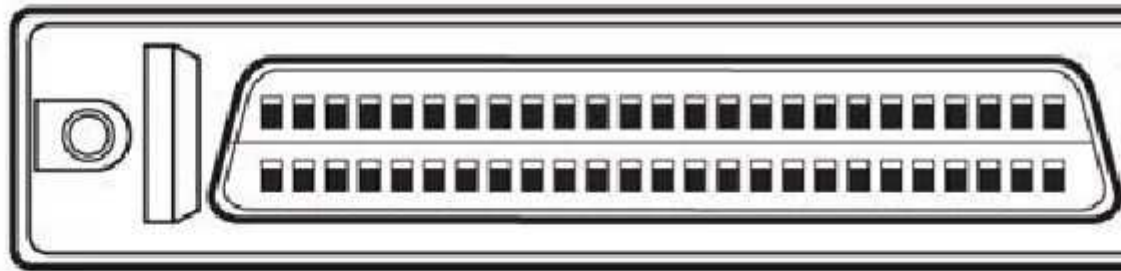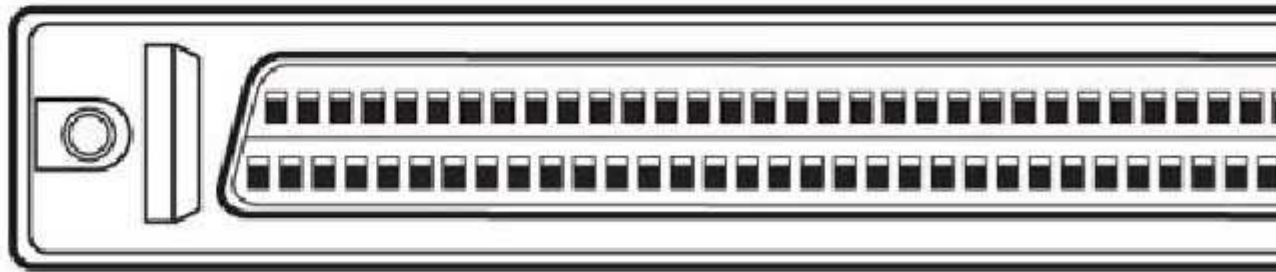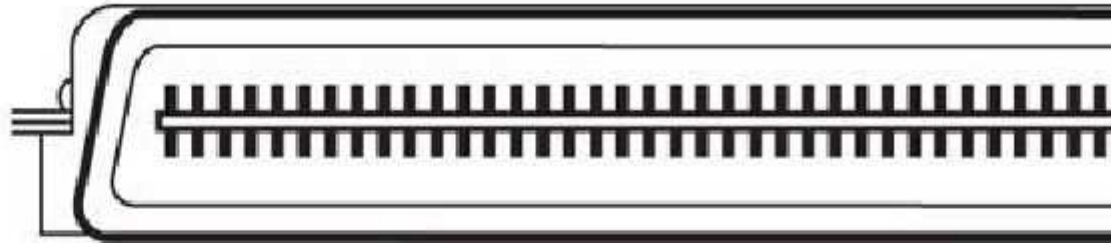C. 50 Pin SCSI Connector, High Density
D. 50 Pin SCSI Connector, Low Density

Correct Answer: A

QUESTION 76
Fibre channel requires which of the following elements?

A. FC Initiator
B. Multi-Mode fibre
C. Physical Adapter
D. Fibre Target Management Agent

Correct Answer: C

QUESTION 77
Which of the following is an advantage of SMP?

A. Smaller initial investment
B. Doubles memory requirements
C. Higher simultaneous thread processing
D. Decreases overhead

Correct Answer: C

QUESTION 78
Which of the following is an appropriate reason for adjusting the SNMP thresholds?

A. To eliminate excessive alerts
B. To increase the number of threads
C. To monitor use of VPN traffic
D. To allow more email to come through

Correct Answer: A

QUESTION 79
Which of the following technologies was created to reduce cost, increase cable length, and uses 3.3v across the line?

A. Wide-Ultra2 SCSI-3

B. High-Voltage Differential
C. Low-Voltage Differential
D. Fibre Channel

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
Which of the following is an advantage of attaching a NAS device to the network?

A. Easier to secure
B. Ability to run remote application
C. Ease of configuration
D. Fault tolerance

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
A recently ordered server came standard with one 3.0GHz processor. It is capable of handling four total processors. Which of the following processor combinations can be used in this server?

A. One, two, three or four processors
B. One, two, or three processors
C. One, three, or four processors
D. One, two or four processors

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
A server consists of two 72GB SCSI drives and four 146GB SCSI drives. All drives are attached to a RAID controller. The system administrator has decided to configure all six drives in a RAID 5 array. How much usable disk space will this array have?

A. 288GB
B. 360GB
C. 432GB
D. 728GBb

Correct Answer: B
Section: (none)
Explanation

QUESTION 83
A server has six drives of equal size attached to a RAID controller. Which of the following fault tolerant RAID levels would allow the maximum amount of data to be stored?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
A server has six drives of equal size attached to a RAID controller. Which of the following RAID levels would provide the FASTEST performance?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
Several reports are logged stating that an application server is performing slowly. During the investigation, the administrator notices that the hard drives on the server appear to have a high level of activity. Which items should the administrator monitor using performance monitoring tools? (Select TWO).

A. Page File
B. Disk Utilization
C. System Temperature
D. Processor Utilization
E. Network Utilization

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
Which switch should be used with the ipconfig command if an administrator wants to test the functionality of a

DHCP server?

A. /renew
B. /flushdns
C. /release
D. /all

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
An administrator wants to use a Windows system to monitor a server that is rebooting. Which of the following commands should the administrator use to know when the NIC is back online in the server?

A. ping i 240
B. ping -t
C. ping -a
D. ping w 240

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88
A technician needs to install an additional PCI NIC without powering down the server. Which of the following BEST describes the technology the board must support?

A. Hot install
B. Hot add
C. Plug and play
D. Hot plug

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 89
Which of the following describes a server that is hosting only an Anti-virus program?

A. Distributed Application Server
B. Dedicated Application Server
C. Peer-to-Peer Application Server
D. File and Print Server

Correct Answer: B

QUESTION 90
Which of the following is the major advantage of PCI-e over PCI-X?

A. Sensitivity to background noise
B. Height of the card
C. Shared bus topology
D. Point-to-point bus topology

Correct Answer: D

QUESTION 91
SMP is considered to be a form of:

A. mail protocol.
B. monitoring protocol.
C. mapped printer.
D. multi-processing.

Correct Answer: D

QUESTION 92
A NAS differs from a SAN because NAS:

A. is attached to a local disk controller.
B. does support multipath I/O.
C. never uses an IP address for network connectivity.
D. always uses an IP address to access data.

Correct Answer: D

QUESTION 93
Which of the following slots, if available, would offer the highest bandwidth?

A. AGP

B. PCI-E x16
C. PCI-X
D. PCI

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
A server has a processor that allows it to calculate two applications at the same time. Which of the following describes this capability of the processor?

A. Dual processing
B. Multi-processing
C. Multi-tasking
D. Multi-threading

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95
An administrator has a malfunctioning uninterruptible power supply (UPS). Which of the following is the MOST likely cause of the problem?

A. Battery needs to be replaced
B. Light switch is turned off
C. Smart cable is disconnected
D. UPS needs a firmware update

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
Which of the following is the FINAL step in the backup process?

A. Load differential tape
B. Verify backup
C. Load new tapes
D. Perform a full backup

Correct Answer: B
Section: (none)
Explanation

QUESTION 97
In which of the following places is it BEST to put the paging system file?

A. Non-system partition
B. System partition
C. Flash hard drive
D. External hard drive

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
A server is experiencing an undetermined problem. Which of the following steps should the technician take in order to identify whether it is a software or hardware problem?

A. Reseat all main components
B. Try to replicate the problem
C. Flash the BIOS
D. Reinstall the operating system

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99
Which of the following bottlenecks would MOST likely cause excessive hard drive activity?

A. Inadequate RAM
B. Slow processor
C. PCI bus
D. Excessive network traffic

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
Which of the following server types performs the same function as the LMHOSTS file?

A. DNS
B. DHCP
C. WINS

D. FTP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 101
When implementing a solution to a problem, which of the following is the BEST course of action to take?

A. Replace all components simultaneously to ensure that the system is functional.
B. Replace all hardware associated with the problem first to eliminate the possibility of hardware and move onto software.
C. Purchase new parts for the system to confirm that they function.
D. Implement one change at a time, reversing the change if it has not resolved the problem.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 102
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 deployment.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 103
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 104
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 105
A server has six drives of equal size attached to a RAID controller. Which of the following RAID levels would provide the FASTEST performance?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 106
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 107
Which of the following is the MOST likely connection type for a backup external modem?

A. IEEE 1394
B. SCSI
C. Serial

D. SATA

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 108
Performance on the email server has been very slow over the past month. There have also been various issues with backups on the mail server. The company has implemented several new systems and changes recently. Which of the following changes could MOST likely be the cause of the problem?

A. A RAID change on the e-mail server from RAID 5 to RAID 1.
B. A new monitoring server has been implemented.
C. A new antivirus program has been implemented.
D. A RAID change on the e-mail server from RAID 1 to RAID 0.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 109
Which of the following command line interface (CLI) tools can be used on a Windows Server to delete a partition?

A. diskmgmt.msc
B. diskpart.exe
C. bootcfg.exe
D. chkdsk.exe

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 110
Which of the following is a limitation of virtualization that should be considered when implementing a server in a virtual environment?

A. Disaster recovery
B. Boot loader choice
C. Physical license keys
D. High availability

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 111
Which of the following is the BEST command to use when determining the computer name of a remote
Windows computer, when only the IP address is known?

A. netstat -e
B. nbtstat -a
C. nbtstat -e
D. netstat -a

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 112
Which of the following are the benefits of performing a server baseline? (Select TWO).

A. Increases CPU utilization
B. Predicts trends for capacity planning
C. Increases fault tolerance
D. Provides load balancing
E. Assists in troubleshooting problems

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 113
An administrator is setting up a new web server. During testing the administrator discovers that no one is able
to connect to the web pages remotely. Which of the following should the administrator MOST likely go to when
resolving this problem?

A. RAID configuration
B. Software firewall
C. Folder security permissions
D. Folder share permissions

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 114
A program unexpectedly terminates on an application server. The server administrator connects to the server
via SSH and notices multiple instances of the application that terminated consuming system resources. Which
of the following is the BEST way to describe the problem?

A. Runaway process
B. Fragmented hard disk
C. Service failure
D. Memory leak

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 115
An administrator wants to restrict users through VPN from connecting to the network between 12:00 AM and 6:00 AM.

The system uses LDAP for authentication back to a domain. Which of the following solutions would BEST restrict the users?

A. Limit logon hours for remotely connected users on the domain controller during the restricted time period.
B. Set up a logon script that checks the local time of users and logs users off if the local time is in the restricted time period.
C. Restrict DHCP addresses, through the DHCP server, to remote users during the restricted time period.
D. Configure ACLs on the VPN to restrict users from accessing the VPN during the restricted time period.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 116
Which of the following server types hosts the network printers?

A. Print server
B. NTP server
C. Dedicated application server
D. DHCP server

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 117
An administrator wants to leverage more usage out of their server resources. Which of the following virtualization technologies would BEST accomplish this?

A. Server virtualization
B. Application virtualization
C. Storage virtualization
D. Para-virtualization

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 118
Which of the following interfaces can a dial-up modem use?

A. PCI
B. IDE
C. SATA
D. AGP

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 119
Which of the following can cause slow disk I/O performance?

A. Cache battery failure
B. Defragmented disk
C. Cable is too long
D. Missing boot sector

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 120
An administrator is concerned about data loss caused by a drive failure and controller failure. Which of the following is the MOST appropriate RAID setup?

A. Disk mirroring
B. Striping with parity
C. Bit-level striping with parity
D. Disk duplexing

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

Exam B

QUESTION 1
Which of the following server types translates NetBIOS names to IP addresses?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Which of the following server types performs the same function as the HOSTS file?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
Which of the following BEST describes RAID 5?

A. RAID 5 is data striping across all drives.
B. RAID 5 is data striping with a dedicated parity drive.
C. RAID 5 is striped sets with two sets of parity striped across all drives.
D. RAID 5 is striped sets with parity striped across all drives.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Which of the following key sequences will allow a technician to install third party drivers during a Windows installation?

A. Press F6
B. Press ESC
C. Press any key
D. Press Alt+F8

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
Which of the following will attach to an EIDE connector?

A. SATA-2
B. SATA
C. ATA-2
D. SCSI

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
How many wire pairs are in a standard CAT6 cable?

A. 3
B. 4
C. 6
D. 8

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
An administrator is configuring one server to monitor hardware level information on a second Windows server.

Which of the following should be setup on the Windows server to allow the monitoring server to access this information? (Select TWO).

A. WMI
B. RIS
C. DNS
D. SNMP
E. SMTP

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
A company is deploying a new file server to consolidate shares from several legacy servers. Which of the following is the BEST method to ensure that the new file shares are being used?

A. Setup the new file server and shut down the legacy servers.
B. Remove all the DNS entries for the legacy servers.
C. Create a logon script to remap the old file shares to the new file shares.
D. Go to each users computer, remove all shares and setup the new shares.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Two file servers have run out of local disk space. The internal drives are at capacity and the company has traditionally only used local disks for storage. Which of the following is the MOST cost effective solution to add storage to both servers?

A. Install fiber cards into the servers and add direct attached storage.
B. Install fiber cards into the servers and implement a SAN solution.
C. Attach a USB drive to one of the servers.
D. Add a NAS to the environment.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
A company has implemented a wireless network for its employees. Since implementing the new network, individuals have been receiving duplicate IP addresses causing network issues. Which of the following would resolve this issue?

A. Add another wireless access point.
B. Add another DHCP server.
C. Disable the wireless DHCP server.
D. Change the default gateway of the wireless router.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
A company has several legacy servers that upper management would like to move into a virtual environment. Which of the following is the FIRST step an administrator should take to evaluating whether the servers can be moved into the virtual environment?

A. Compare the costs of maintenance between the physical and virtual servers.
B. Run SYSPREP on each legacy server.
C. Check the HCL on each legacy server.
D. Verify that all the latest OS service packs are installed on each server.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Which of the following is MOST useful in HVAC planning? (Select TWO).

A. Uninterruptible Power Supply (UPS) load
B. Humidity
C. Amperage
D. Voltage
E. Temperature

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
A bare metal backup requires which of the following backup methodologies?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
An administrator has been having problems with server security. Many of the servers have been infected with viruses in the past. Which of the following can be done to ensure that systems avoid OS exploits?

A. Implement an intrusion detection system (IDS).
B. Implement a dual-factor authentication method.
C. Implement a patch management process.
D. Implement stronger user passwords.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
Which of the following commands should the administrator run to check if the SMTP services are still active?

A. Telnet <Server name> 25
B. Ping <Server name>
C. net send <Server name> test mail
D. nbtstat a <Server name>

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
Which of the following is a best practice that can be used to ensure consistency when building systems?

A. Server build checklist
B. Server baselining tools
C. Architecture diagrams
D. Hardware compatibility list

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
An administrator needs to configure a server to restrict mail traffic to an application server for security reasons. Which of the following techniques can be used to manage this?

A. PAT
B. ACLs
C. Subnet masking
D. Port blocking

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
Which of the following RAID levels would be the BEST choice if performance was the only determining factor?

A. RAID 0
B. RAID 1

C. RAID 5

D. RAID 10

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Which of the following is an advantage of a virtualized server environment?

A. Higher administrative complexity

B. Increased level of security

C. More effective usage of computing resources

D. Improved performance for users

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Which of the following is the MOST likely reason that a feature is not available in a virtualized environment?

A. Multiple types of network cards were used.

B. The environment is outside of the DMZ.

C. Hardware used is not on the HCL.

D. Internal hard drives were used for storage instead of external hard drives.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Which of the following are the FIRST actions to take when an administrator is troubleshooting a server? (Select TWO).

A. Make one change at a time and test/confirm the change has resolved the problem.

B. Verify full system functionality.

C. Replicate the problem.

D. Determine if a common element is causing multiple problems.

E. Identify any changes to the server.

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
A tape drive containing a jammed tape must be taken off-site to be repaired. Which of the following should be considered FIRST?

A. Downtime necessary to reinstall the repaired drive
B. Data security policies and procedures
C. Potential cooling problems due to the missing drive
D. Redundant or replacement data backup solutions

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Which of the following is the MOST space efficient server chassis type within a server rack?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
Which of the following technologies when implemented allows for the GREATEST fault tolerance for memory?

A. RAID
B. Registered memory
C. ECC
D. Memory pairing

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
Which of the following file systems are native to *nix?

A. FAT
B. EXT3
C. NTFS
D. FAT32

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
A company has 100GB of data that needs to be automatically backed up daily, and needs to be stored for 20 years. Which of the following backup media is the BEST solution for archiving the server data?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
Which of the following would be considered a GFS backup solution?

A. Grouped, full, supplemental
B. Full, incremental, differential
C. Yearly, monthly, daily
D. Full, partial, differential

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
Which of the following MOST likely causes problems with SCSI communication?

A. Low communication latency
B. Maximum drive capacity is exceeded
C. Improper termination
D. Too many SCSI devices on one system

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
Which of the following is the BEST case scenario for power fault tolerance within a server?

A. Redundant power supplies with one power supply connected and one power supply as a hot spare.
B. Redundant power supplies with each connected to a separate power circuit.
C. Redundant power supplies connected via a Y-cable.
D. Redundant power supplies with each connected to the same power circuit.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
Which of the following is a software layer that interacts between the virtualized operating system and the physical hardware?

A. System Resource Manager
B. Server BIOS
C. Guest Operating System
D. Hypervisor

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
Which of the following BEST describes a virtualized server environment?

A. A physical server environment utilizing only RAM storage with no physical disk medium to enhance performance.
B. Multiple operating systems sharing the same physical hardware to leverage higher usage.
C. A distributed computing environment where many lower cost machines are combined to increase processing power and overall performance.
D. A single operating system using multiple physical hardware chassis to leverage higher availability.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
Which of the following technologies is specifically designed to increase server virtualization performance?

A. Multicore processing
B. VT
C. 64-bit processing
D. Hyperthreading

Correct Answer: B

QUESTION 33
Which of the following technologies allows a single physical processor to do the work of multiple processors?

A. Symmetric multi-processing
B. Multicore
C. 64-bit processing
D. Hyper-V

Correct Answer: B

QUESTION 34
A server is having problems booting into the operating system. Which of the following can provide important information to begin to troubleshoot the cause?

A. System logs
B. Firmware updates
C. POST messages
D. Application logs

Correct Answer: C

QUESTION 35
Which of the following factors is the MOST likely cause of a power supply fan failure?

A. Extreme temperature variances
B. Extreme humidity variances
C. Power stability fluctuations
D. Excessive dust accumulation

Correct Answer: D

QUESTION 36
Which of the following ensures that air is passed through a server chassis correctly?

A. U-size templates

B. Phase changers
C. Baffles
D. Molex connectors

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
Which of the following technologies can detect and fix single bit memory errors?

A. RAID
B. Registered memory
C. SDRAM
D. ECC

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
Which of the following storage tools could be used to initiate the rebuilding of a failed hard drive?

A. RAID array management
B. CHKDSK
C. Monitoring agents
D. Partitioning management

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
Which of the following is a built-in feature of FAT?

A. 8.3 name convention
B. Fault tolerance
C. Encryption
D. Compression

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
An administrator needs to grant privileges to other server staff members to run archive utilities on a default Windows installation. The administrator needs to set the minimum permissions to:

A. remote users.
B. account operators.
C. server operators.
D. backup operators.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
Which of the following storage technologies connects by TCP/IP and is separate from the companys LAN?

A. Tape library
B. NAS
C. Optical jukebox
D. SAN

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
Which of the following replication methods provides a disaster recovery system with minimal down time to normal operations?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
Which of the following server clusters offers increased availability, performance, and scalability?

A. Passive/active
B. Active/passive
C. Passive/passive
D. Active/active

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
Which of the following must occur when installing SCSI devices into the server?

A. Terminate the back end of the chain.
B. Set the jumper to device ID 0.
C. Terminate both ends of the chain.
D. Set the jumper to cable select.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
An administrator recently installed a new array controller into a server. When the server is running POST the controller does not appear as present. Which of the following could be the reason for this?

A. The server BIOS firmware is out-of-date.
B. The server does not have the correct drivers.
C. The server hard drives have not begun to spin.
D. The server has too little memory installed.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
A small push button typically found on the inside of a server case is MOST likely used for which of the following purposes?

A. UID switch
B. Power switch
C. Cooling fan switch
D. Chassis intrusion switch

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47

Which of the following servers is responsible for translating an FQDN to an IP address?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
Which of the following servers would execute SQL?

A. Database Server
B. DNS Server
C. NAS Server
D. Web Server

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
A new storage array must be configured for a database server. This array will store transaction logs that are always being written.

Which of the following RAID solutions would provide fault tolerance and fast write operations without the use of parity?

A. RAID 0
B. RAID 3
C. RAID 6
D. RAID 10

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
Which of the following storage protocols would be suitable for transport across an IP network?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
Memory utilization by the print spooler process is constantly climbing after users begin to print to a certain type of printer.

Which of the following is the MOST likely cause of the problem?

A. Corrupted print spooler software
B. Memory leak in one of the print drivers
C. The disk drive is out of free space
D. Memory leak in the print spooler

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
Which of the following could be used to restrict access to the local web server to only certain IP addresses?

A. Create an ACL.
B. Create an application exception.
C. Configure IPSec.
D. Block port 80.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
Which of the following server virtualization features would BEST allow an administrator to quickly prepare a virtual server so that it is ready for use?

A. Remote configuration
B. No physical hardware to setup
C. Native RIS integration
D. Clone the machine from a template

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
An application server is running slowly. After viewing performance monitoring data it is detected that the disk queue length is high. Which of the following could BEST resolve the situation?

A. Add more disk drives.
B. Increase the amount of virtual memory.
C. Add a faster processor.
D. Add more memory to stop paging to disk.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
Multiple expansion cards are installed in a rack mount 1U server. All expansion cards stop working simultaneously. Which of the following is the MOST likely cause of the problem?

A. Motherboard
B. Operating system
C. Expansion cards
D. Riser cards

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
While installing a new PCI card the administrator touched the motherboard. While powering on the server, a series of beeps were emitted and the server did not POST. Which of the following could be done to prevent this problem?

A. Use ESD equipment.
B. Verify correct voltages are being supplied.
C. Use a system board tester to check for compatibility issues.
D. Install compatible PCI cards.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
Which of the following describes the FINAL step in the troubleshooting process?

A. Verify full system functionality.
B. Implement the change.

C. Test the theory to determine the cause.
D. Root cause analysis.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58
Which of the following are enhancements from the FAT32 file system to the NTFS file system? (Select TWO).

A. Ability to utilize redundant hardware devices
B. Ability to create a larger partition size
C. Ability to image new server deployments
D. Ability to set file security permissions
E. Ability to create virtual machines

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
Which of the following should an administrator utilize FIRST after installing a new HBA?

A. New Technology File Systems (NTFS)
B. Digitally signed device drivers
C. Virtual machine components
D. Multiple RAID configurations

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
Which of the following will MOST likely cause major performance issues on an email server?

A. RAID 0 configuration
B. PBX software
C. DHCP server
D. Anti-virus software

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
Which of the following is the BEST way to ensure that all users receive a mapping to multiple shared drives?

A. Configure individual user accounts
B. Logon scripts
C. Local policy
D. Set NTFS permissions

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
Which of the following is a key component of a directory services server?

A. VPN
B. RIS
C. LDAP
D. RAS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
Assuming the network supports all speeds, which of the following should an administrator use to get the MOST throughput?

A. CAT5 cabling
B. Gigabit NIC
C. 10/100 full duplex NIC
D. 100 half duplex NIC

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
Which of the following offers the MOST redundancy for a system but is also very costly?

A. RAID implementation
B. Disk-to-disk replication
C. Server-to-server clustering
D. Hot site replication

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65
Which of the following is the MOST important consideration when implementing a data retention program?

A. The data destruction requirements
B. The user awareness training program
C. The laws and legal requirements of the data
D. The companys individual data retention policies

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66
Which of the following is the MOST important step in any disaster recovery plan?

A. Appropriate use of backup media and offsite storage
B. The disaster recovery testing process
C. Classifying systems according to operational impact
D. Use appropriate fire suppressant systems

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
The server room that an administrator manages has just caught fire. Which of the following is the FIRST thing that the administrator should do?

A. Evacuate all personnel.
B. Notify staff of the potential service outage.
C. Use fire suppression techniques until the fire department arrives.
D. Grab the backup tapes and exit the server room.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
Which of the following is the EASIEST way to centrally deploy software?

A. Network share
B. PXE
C. USB
D. Optical media

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 69
After a server has been installed into a rack, an administrator must ensure which of the following?

A. Warm air flow is permitted through the front bezel
B. The system is labeled so that it can be identified
C. Verify the change control process can be implemented
D. Determine the correct power requirements

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70
Which of the following devices is used to provide appropriate voltage to the CPU?

A. Redundant power supply
B. VRM
C. Heat sink
D. HBAs

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 71
An administrator is adding memory to a server. Once the system boots up, the same amount of memory appears as before the upgrade. Which of the following is the MOST likely cause?

A. The memory is not the correct CAS latency.
B. The memory is not installed in the correct slot.
C. The memory does not have the correct timing.
D. The memory is not the correct speed.

Correct Answer: B
Section: (none)
Explanation

QUESTION 72
An administrator is installing Windows Server 2003 via CD on a new server with an SAS RAID array. When the administrator reaches the option to select the target installation drive, there are no drives listed.

Which of the following is the FIRST thing the administrator should do?

A. Restart the installation via WDS.
B. Shut down the server and check that all RAID drives are connected properly.
C. Restart the installation from CD and press F6 to install RAID drivers.
D. Go into the BIOS and set all RAID drives to compatibility mode.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
Which of the following is a benefit of a hot spare?

A. Lower cost
B. Allows two RAID 1 drives to simultaneously fail without losing any data
C. Enhanced fault tolerance
D. Enhanced performance

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
Which of the following backup methodologies is MOST time efficient for restoring data?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
An administrator has just finished physically replacing the system board in a Windows domain controller. Which of the following must be done before booting the server back into Windows?

A. Update the time and date in the BIOS.

B. Update the firmware on the SCSI controller.
C. Update the firmware to the latest version.
D. Configure IPMI on the new board.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 76
An administrator has shut down a server to install additional memory. When the administrator restarts the server after the upgrade, it times out. Which of the following could be the cause of the problem? (Select TWO).

A. Processor failure
B. Third party memory
C. Disk drive failure
D. ESD during the upgrade
E. Backplane failure

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
Which of the following ensures the MOST secure access to a server room?

A. ID card readers
B. Server rack doors
C. Biometric devices
D. Locked doors

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
Which of the following is the BEST sequence to bare metal restore a server?

A. Determine backups available, restore backups, and verify data.
B. Restore applications, restore data, and verify data.
C. Restore OS, restore system applications, and restore data.
D. Contact end users of outage, restore backup data, and verify data.

Correct Answer: C
Section: (none)
Explanation

QUESTION 79
Which of the following allows an administrator to recover the MOST data?

A. System image
B. Incremental backup
C. System state restore
D. Differential backup

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
A server was recently updated with the latest antivirus definitions. Immediately after the update, the server begins to report file not found errors for a mission critical application. Which of the following is the MOST likely reason for this?

A. The update was done incorrectly and now the server needs to be restarted.
B. The update has discovered viruses on the server and removed those virus files.
C. The update requires a reboot for the files to process correctly.
D. The update has quarantined files that are false positives.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
An administrator needs to update the anti-virus, security patches, BIOS, and the web server software on a production system.

Which of the following is the BEST method to accomplish this?

A. Update anti-virus, security patches, BIOS software, and then the web software.
B. Update the web software, security patches, anti-virus, and then the BIOS.
C. Update security patches, BIOS, web software, and then the anti-virus.
D. The order does not matter, only one change at a time should be done.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
An administrator has just installed a web server for the companys Internet site. After bringing the system online, customers notify the administrator that they cannot connect to the server. The administrator tests the web

server from a workstation and can access the website. The customers continue to report issues.

Which of the following is the MOST likely reason for this?

A. The servers firewall is misconfigured.
B. The server's timeout feature is set incorrectly.
C. The web server was not installed properly.
D. The company firewall is misconfigured.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 83
An email server has been installed; however, the staff reports that they are unable to receive email from external email addresses, but they can email each other. Which of the following is the MOST likely reason for this?

A. The company firewall is blocking SMTP ports.
B. The DHCP server is misconfigured.
C. The DNS server is only resolving internal name spaces.
D. The email server should be configured to resolve names by IP addresses.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
An administrator needs to add fault tolerance capabilities to a server. Which of the following is the BEST solution to accomplish this?

A. Move the architecture from 32-bit to 64-bit.
B. Install a PBX card.
C. Install a second NIC card.
D. Install a fail-over cable.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
Which of the following components provides for the BEST hardware cooling features?

A. Epoxy paste
B. Chip fan
C. Heat sink

D. Virtualization

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
An administrator is running proprietary server software that requires services to be reconfigured every time the server is upgraded to the latest vendor version. Which of the following is the BEST solution to address this problem?

A. The current system configuration should be documented for future use.
B. Server diagramming and environmental topologies should be documented.
C. A copy of the latest pre-installation plan should be developed and utilized.
D. Vendor support should be contacted so that they can correct the issue.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
A data center has had a power outage. Which of the following should the administrator do FIRST once the power is restored?

A. Identify which systems are the most critical and bring them up by level of importance.
B. Retrieve the latest backup tapes for immediate system restore using the GFS rotation.
C. Identify the least critical systems and then power those systems on first.
D. Determine the cause of the power outage and install UPS systems to prevent its reoccurrence.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88
An administrator is planning to bring a newly purchased server online. Which of the following should the administrator do FIRST?

A. Follow the pre-installation plan and procedures.
B. Review the system logs to check for errors.
C. Notify all users that the old system will be taken offline.
D. Apply all security updates to the system.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 89
A system administrator needs to maintain 1.2TB of storage for a database server. There are six 250GB drives available in the server for storage space.

Which of the following RAID configurations would be the BEST choice given that performance and fault tolerance are important factors?

A. RAID 1 across drive pairs totaling 3 pairs
B. RAID 5 across all 6 drives
C. RAID 10 across all 6 drives
D. RAID 0 across all 6 drives

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 90
An administrator needs to maintain 1TB of storage space for a server. A performance critical application will use this storage space for a database. The database will be replicated between multiple servers. Cost and performance are the most important considerations.

Which of the following RAID configurations would be the BEST choice for the storage array?

A. RAID 6 with six 250GB hard drives
B. RAID 5 with five 250GB hard drives
C. RAID 0 with four 250GB hard drives
D. RAID 10 with eight 250GB hard drives

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
A new server has ten 250GB drives ordered with it. An administrator needs to create two arrays, one for the operating system and the other for the storage array. The operating system array needs to be able to hold 25GB of data, fault tolerant, and have the least amount of unused drive space.

The storage array must be able to hold at least 600GB of data, be fault tolerant, and have decent performance.

The storage array should contain room for the data to double over the upcoming year. There will be available spare parts on hand to support this server in the event of a failure.

Which of the following RAID configurations would BEST suit the needs for this server?

A. OS: RAID 1 with two 250GB hard drives
   Storage: RAID 5 with eight 250GB drives
B. OS: RAID 1 with two 250GB hard drives
   Storage: RAID 10 with four 250GB hard drives
C. OS: RAID 5 with three 250GB hard drives

Storage: RAID 5 with seven 250GB hard drives
D. OS: no RAID with one 250GB hard drive
   Storage: RAID 6 with nine 250GB hard drives

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
RAID 5 can be BEST described as which of the following?

A. Mirroring with striping
B. Striping with dedicated parity
C. Striping with distributed parity
D. Independent disks with shared parity

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93
Which of the following is a benefit of RAID 1?

A. Higher capacity
B. Higher performance
C. Fault tolerance
D. Multiple failure fault tolerance

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
Which of the following is a disadvantage of RAID 10?

A. Poor performance
B. No fault tolerance
C. Not supported by many RAID controllers
D. Higher cost

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95
A tape library can be defined as which of the following?

A. A way to catalog tapes after a tape backup to easily identify and retrieve data.
B. A modular tape backup system containing multiple drives, tapes, and connections.
C. A database consisting of all backups performed and the contents of each backup.
D. An offsite storage facility to house tapes in case of a disaster for easy site recovery.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
Which of the following storage interface protocols has the FASTEST speeds?

A. Ultra2 SCSI
B. SATA
C. Ultra320 SCSI
D. SAS

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
A WORM drive can be equated to which of the following common technologies?

A. CDRW
B. CDR
C. Flash Media
D. DVDRW

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
According to best practices, which of the following should be the FIRST step after a full boot into a newly installed Windows Server OS?

A. Remove the Internet Explorer Enhanced Security configuration.
B. Disable the Guest account.
C. Apportion additional storage.
D. Apply all relevant updates and patches.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99
Which of the following are benefits to server virtualization? (Select THREE).

A. Better server hardware leverage
B. Increased application security
C. Smaller backup window needed
D. Lower power consumption
E. Smaller datacenter footprint
F. Little to no maintenance needed

Correct Answer: ADE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
Which of the following software directly interacts with the hardware and handles hardware resource requests from virtual machines?

A. Guest OS
B. Virtual Center
C. VT
D. Hypervisor

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

Exam C

QUESTION 1
Which of the following is the correct term for a virtual machine?

A. Hypervisor
B. Guest OS
C. Virtual Center
D. Host OS

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Which of the following is a benefit of application virtualization?

A. The need for multiple licenses of any software is unnecessary.
B. Interoperability of disparate programs is easily attained.
C. Server loads are greatly reduced from lowered traffic.
D. Applications are easily accessible from anywhere on the LAN.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
A new array of hard drives has been added to an existing server; however, when the server is booted into the Windows OS the new drives fail to appear in My Computer. From which of the following locations can the new storage drives be added? (Select TWO).

A. Format command
B. Hypervisor
C. Computer Management
D. Disk Management
E. Virtual Center

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Which of the following is the LAST step an administrator should take when troubleshooting an issue?

A. Identify changes to the system.
B. Replicate the problem in the system.

C. Verify full system functionality.
D. Implement the solution.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
When implementing a solution to a problem, which of the following is the BEST course of action to take?

A. Replace all components simultaneously to ensure that the system is functional.
B. Replace all hardware associated with the problem first to eliminate the possibility of hardware and move onto software.
C. Purchase new parts for the system to confirm that they function.
D. Implement one change at a time, reversing the change if it has not resolved the problem.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
A server has a single failed hard drive in an array that is accessed through a hot plug backplane to ease replacement of failed drives. After replacing the drive several times, each of the replacement drives failed to power up and rebuild as the failed drive.

Which of the following is the MOST likely cause of the failures?

A. The backplane has failed and needs to be replaced.
B. The array must be disbanded and recreated from a backup source to recognize the replacement drive.
C. There is a conflict with the optical drive on the server.
D. The server power supply is failing and not providing enough power for all the drives.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Which of the following technologies causes a single processor to appear as multiple processors within System Properties in a Windows Server?

A. RISC
B. Multicore
C. Symmetric multi-processing
D. Hyper-V

Correct Answer: B

QUESTION 8
Which of the following memory technologies allows for single bit errors to be detected and subsequently fixed?

A. RAID
B. ECC
C. CAS
D. SDRAM

Correct Answer: B

QUESTION 9
Which of the following memory types has the FASTEST speed?

A. SODIMM
B. SDRAM
C. DDR3
D. DDR2

Correct Answer: C

QUESTION 10
Which of the following could BEST be used to recover a failed RAID 1 disk after it has been replaced?

A. Tape restore utilities
B. Imaging utilities
C. Partitioning utilities
D. Array management utilities

Correct Answer: D

QUESTION 11
In which of the following configurations should a SAS hard drive jumper be placed for single drive operation?

A. The jumpers should be placed in the single/master position.
B. There are no configuration jumpers needed on a SAS hard drive.
C. The jumpers should be placed to give the drive a SCSI ID of 1.
D. The jumpers should be placed in the slave position.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Which of the following should be done during a Windows server OS installation to install third party drivers for a storage array controller?

A. Use recovery console from Windows setup.
B. Have the manufacturer's driver disk in the floppy drive and Windows will install it automatically.
C. Press F6 when prompted during the setup utility.
D. Run setup using the appropriate installation wizard.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
Which of the following describes the purpose of a network topology diagram?

A. To display the logical layout this can differ from the physical layout
B. To enhance a user's understanding of the datacenter layout
C. To create a physical map of the datacenter to provide to guests
D. To provide a blueprint for recreating the same server setup for another client

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Which of the following are required for Hyper-V? (Select TWO).

A. 64-bit version of Windows Server 2008
B. XD or NX must be enabled
C. 140GB of free disk space or higher

D. 2GB of memory or higher

E. 2GHz processor or higher

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
An administrator installs a new network card in a properly functioning DC. During the Windows boot up process the DC bluescreens. Which of the following is the NEXT step?

A. Press F8 and boot to Directory Services Restore Mode.

B. Press F8 and boot to Last Known Good Configuration.

C. Reboot the server again.

D. Press F8 and boot to Safe Mode.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
An administrator replaces the network card in a web server. After replacing the network card some users can access the server but others cannot.

Which of the following is the FIRST thing the administrator should check?

A. Default gateway

B. The ports on the switch

C. Port security on the servers switch port

D. Ethernet cable

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
A user reports that they are getting an error when trying to save a video file to a share on a server running Windows Server 2003. The administrator looks at the file and finds that it is 5GB. The administrator checks the server and finds that the server has 100GB of free space. This file needs to be saved on the server.

Which of the following should the administrator do to accomplish this?

A. Convert the filesystem to EXT3.

B. Convert the filesystem to VMFS.

C. Convert the filesystem to NTFS.

D. Convert the filesystem to FAT32.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
An administrator is adding additional memory into a server that registers 1GB of memory in the OS and notices that the system has 2GB of memory physically installed; however, the server only shows 1GB of memory during POST.

Which of the following is the MOST likely reason for this?

A. The OS does not support more than 1GB of memory.
B. The system memory has different manufacture dates.
C. Two of the memory sticks are defective.
D. The server is using memory interleaving.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
An administrator is attempting to use Hyper-V on a server with an AMD processor but is receiving an error. Which of the following should be enabled to resolve the error?

A. XD
B. NX
C. VT
D. Hyperthreading

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
A group of users report that they can access local resources but cannot access the Internet. Which of the following should the administrator use to test connectivity?

A. tracert
B. msconfig
C. route
D. net use

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Which of the following should be kept in uninterruptible power supply (UPS) documentation records? (Select TWO).

A. Antivirus software version
B. Battery replacement date
C. Wire shelving diagram
D. IP address for network printer
E. Shutdown delay timing

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Which of the following would an administrator use to configure a server's BIOS settings even if the OS crashes?

A. VPN
B. KVM over IP
C. Telnet
D. Remote Desktop

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Which of the following factors is the MOST important to consider when choosing an uninterruptible power supply (UPS) for a single server?

A. UPS form factor
B. Server form factor
C. Server power supplys wattage rating
D. Desired runtime

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
A server is configured with two network cards. To utilize the bandwidth of both network cards at the same time without assigning more than one IP address, which of the following load balancing techniques should be used?

A. Clustering

B. NIC teaming
C. OSPF
D. VLAN tagging

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
While considering security, which of the following is the BEST place for a public web server accessible via the Internet?

A. Internal network
B. VLAN
C. VPN
D. DMZ

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
An administrator is creating a redundant environment for a current data center. A backup site must be available if the entire data center site should become unavailable. To reduce costs, this backup site does not need to be up and running at all times ready for failover. It must contain equipment and the ability to restore data from the data center. Which of the following site types should be considered to meet these requirements?

A. Hot site
B. Warm site
C. Cold site
D. Active failover site

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
Which of the following archiving methods only backs up data that has changed since the previous full backup?

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

Correct Answer: D
Section: (none)

Explanation

Explanation/Reference:

QUESTION 28
A full backup is performed every Sunday and incremental backups are performed daily Monday through
Saturday. How many tapes would be required to perform a full restore if a complete failure occurred on
Thursday before the incremental backup?

A. 2
B. 3
C. 4
D. 5

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
All of the following are contained in a server baseline document EXCEPT:

A. number of users.
B. number of files.
C. memory usage.
D. average disk I/O.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
Deploying an operating system using WDS without a boot disk would require which of the following?

A. FTP server
B. PXE support
C. CUPS
D. Installation CD

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
Which of the following would allow an administrator to incorporate a new Windows service pack into an
installation when the media does not include the service pack?

A. Templates
B. RIS
C. Ghost
D. Slipstreaming

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
An administrator has a rack server that is 5.25 inches (13.3 cm) tall, which of the following is the correct U size for this server?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
When performing a backup, which of the following media types would have no moving parts?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
A mail server keeps shutting down. The administrator gets an error message over temperature error. Which of the following should the administrator replace FIRST?

A. Power supply fan
B. CPU fan
C. Heat sink
D. Case fan

Correct Answer: B
Section: (none)
Explanation

QUESTION 35
Which of the following internal storage media types has the GREATEST storage capacity?

A. Compact flash drive
B. SATA hard drive
C. Blu-Ray drive
D. SDLT Tape drive

Correct Answer: B
Section: (none)
Explanation

QUESTION 36
When adding another server to an existing rack mount system, which of the following should the administrator consider FIRST?

A. Load on UPS
B. Rack temperature
C. Room temperature
D. Ease of access

Correct Answer: A
Section: (none)
Explanation

QUESTION 37
Which of the following servers resolves computer names to IP addresses?

A. Directory services
B. DNS
C. NTP
D. DHCP

Correct Answer: B
Section: (none)
Explanation

QUESTION 38
An administrator needs the fastest read/write capabilities with the most redundancy, cost is not a factor. The current data requirement is 750GB but will double in the next year.

Which of the following BEST meets these requirements?

A. Use RAID 1 with ten 300GB hard drives.
B. Use RAID 6 with seven 300GB hard drives.
C. Use RAID 5 with six 300GB hard drives.
D. Use RAID 10 with ten 300GB hard drives.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
Which of the following is the definition of CAS latency?

A. CAS latency is the ratio between the column access time and the clock cycle time.
B. CAS latency is the ratio between the row access time and the clock cycle time.
C. CAS latency is the ratio between the column access time and the data burst transfer time.
D. CAS latency is the ratio between the row access time and the data burst transfer time.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
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 processor.

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
Which of the following connects the L2 cache to the processor?

A. PCI
B. Frontside bus
C. Backside bus
D. System I/O bus

Correct Answer: C
Section: (none)
Explanation

QUESTION 42
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 firmware.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
A user is unable to connect to the companys 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 file.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
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 deployment.

Correct Answer: D
Section: (none)
Explanation

QUESTION 45
A companys legal and regulatory departments have drafted a new policy in which emails must be retained for no longer than three years. Which of the following locations should an administrator configure when complying with the new policy? (Select THREE).

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

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
In a workgroup, all of the following steps are required for a DHCP server EXCEPT:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
A user reports that each day some files are deleted from the department share. The administrator needs to find

who deleted these files. Which of the following actions should the administrator perform?

A. Enable audit object access and specify files and folders to monitor using Task Manager.
B. Enable audit policy change and specify files and folders to monitor using Windows Explorer.
C. Enable audit object access and specify files and folders to monitor using Windows Explorer.
D. Open Performance Monitor and monitor folder activity.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
Which of the following actions will prevent a driver from being reinstalled automatically?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
A companys computer policy dictates that all users workstations must use the companys 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 image.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
An administrator has purchased monitoring software that can be configured to alert administrators when hardware and applications are having issues. All devices are configured with SNMP, but the administrator wants to further secure the SNMP traffic. Which of the following settings would BEST provide additional monitoring security? (Select TWO).

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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
When configuring a DHCP server, which of the following can the administrator define for DHCP users? (Select THREE).

A. Database server
B. NTP server
C. DHCP server
D. SQL server
E. DNS server
F. Domain name

Correct Answer: BEF

QUESTION 55
An administrator receives a call from a user who is unable to receive email. After checking the workstation and email settings the administrator is still not able to determine the problem. Which of the following is the NEXT step that the administrator should take?

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

Correct Answer: B

QUESTION 56
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. Question other users to make sure they are not having the same issue.

Correct Answer: C

QUESTION 57
A company has had problems with their HVAC system being able to cool their datacenter as they have grown. Which of the following could BEST be used to help reduce the load on the HVAC system?

A. Replacing the CAT5 cables with CAT6 cables
B. Replacing traditional racks with water cooled racks
C. Turning off non-critical application servers during non-business hours
D. Taking the second power supplys out of non-critical servers

Correct Answer: B

QUESTION 58
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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
When disposing of computer equipment, which of the following can present an environmental hazard?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
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

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
Which of the following file types can Microsoft servers package for remote installation by default?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
Which of the following assists with airflow in a server? (Select TWO).

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

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
After a virus outbreak, which of the following can be used to deploy a hotfix in a Microsoft environment? (Select TWO).

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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
Which of the following BEST describes RAID 10?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65
Which of the following BEST describes RAID 1?

A. Mirroring
B. Striping
C. Striping with parity
D. Striping with mirroring

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66
Which of the following BEST describes RAID 0?

A. Striping with parity
B. Striping with mirroring
C. Mirroring
D. Striping

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
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

Correct Answer: C

QUESTION 69
Which of the following BEST describes RAID 5?

A. Fault tolerance and failure recovery
B. Fault tolerance and zero configuration
C. Zero configuration and high performance
D. High performance and fault tolerance

Correct Answer: D

QUESTION 70
Which of the following RAID levels provides the HIGHEST fault tolerance possible?

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

Correct Answer: D

QUESTION 71
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

Correct Answer: B

QUESTION 72
Which of the following is a storage system that can be connected to multiple servers through an iSCSI connection?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
Which of the following can be used to manage a servers BIOS remotely? (Select TWO).

A. Remote desktop software
B. Dedicated management card
C. Telnet session
D. IP KVM
E. VPN

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
Which of the following BEST describes a server where several physical server chassis are housed within an enclosure to share some redundant resources?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
Which of the following memory technologies has the HIGHEST cost to implement?

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

Correct Answer: B
Section: (none)
Explanation

QUESTION 76
A power loss during a firmware update would MOST likely result in which of the following?

A. Increased heat output
B. Damage of the hardware
C. Loss of storage data
D. Decreased performance

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
Which of the following interfaces in Windows server can be used to add a new volume for storage? (Select TWO).

A. Computer Management
B. System Properties
C. Device Manager
D. Disk Management
E. My Computer

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
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 analysis.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79
Which of the following expansion cards should be installed into a server to provide fiber channel SAN connectivity?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
Which of the following can occur if the maximum rated load is exceeded on an uninterruptible power supply (UPS)?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
A server is having problems accessing its presented storage on a SAN. Which of the following could be causing the problem? (Select TWO).

A. NIC
B. HBA
C. Tape backup drive
D. SCSI adapter
E. CPU

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
Which of the following components found in a legacy server has a 16-bit bus?

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

Correct Answer: C
Section: (none)

Explanation

Explanation/Reference:

QUESTION 83
Which of the following expansion slots would be BEST for a fiber network card?

A. ISA
B. PCIx
C. PCIe
D. AGP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
Which of the following expansion slots is 64-bit?

A. PCIx
B. PCI
C. ISA
D. PCIe

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
Which of the following will allow devices to be added without turning the server off?

A. Plug and Play
B. Warm site
C. Hot plug
D. Hot site

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
Which of the following media types is the MOST durable in harsh environments?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88
Which of the following settings is the jumper set to when installing a DVD-RW as the second device on an IDE cable?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 89
A user reports they cannot access the network share folder, the users workstation is configured to use automatic IP. When the administrator checks the IP address the response returns as 169.254.0.5.

Which of the following should the administrator verify?

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

Correct Answer: D
Section: (none)
Explanation

QUESTION 90
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 option.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
Which of the following types of DNS records enables support for email?

A. A
B. MX
C. PTR
D. AAAA

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
Which of the following protocols is responsible for the resolution of IP addresses to MAC addresses?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93
Which of the following RAID levels supports fault tolerance by writing parity to only one drive in the array?

A. RAID 3
B. RAID 5

C. RAID 6

D. RAID 10

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
Which of the following are possible SCSI ID ranges on a wide SCSI adapter?

A. 1 - 7

B. 1 - 16

C. 0 - 7

D. 0 - 15

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
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 mode.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99
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 size.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
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 responding.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 101
Which of the following is an SLA?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 102
A server failed Thursday evening before the nightly backup. The backup scheme in place was full backups every Sunday, incremental backups on Monday, Wednesday, and Friday, and differential backups on Tuesday, Thursday, and Saturday. To fully restore the server, which of the following is the LEAST amount of backup sets required?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 103
An administrator identifies that a server is shutting down. The administrator powers up the server and OS loads but after a few minutes it powers down again. Which of the following is the cause?

A. Redundant power supply failure
B. CPU overheating

C. Memory failure
D. Hard disk failure

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

Exam D

QUESTION 1
In a Windows Server 2003 environment using PKI, a user encrypts several documents on a shared file server. That user account is then accidentally deleted. Which of the following must be configured in order to decrypt those files?

A. Key recovery administrator
B. Key recovery agent
C. Trusted root certificate store
D. Root certificate store

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
At a minimum how many NICs must a machine have to host virtual machines?

A. One NIC will support all virtual machines
B. One for each virtual machine and one for management
C. Three for each virtual machine
D. Two for each virtual machine and one for management

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
After performing a copy backup of a file server, the archive bit on the backed up files will be which of the following?

A. Deleted
B. Unchanged
C. Set
D. Copied

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Which of the following Windows Server 2003 technologies can help with making backups of open files?

A. Differential backup
B. Snapshot

C. VSS
D. Incremental backup

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
A Windows 2003 server has the operating system installed on a software RAID mirror. After a failure of one disk in the array the server will no longer boot up. The other drive is still functioning. Which of the following should be done to correct the issue?

A. Edit the boot.ini file.
B. Change to a hardware RAID solution.
C. Recreate the array.
D. Edit the active drive in the array.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
A server has been intermittently shutting off. The power going to the server was tested and is giving the appropriate voltages.

Which of the following tools would be used to test the power supply?

A. POST diagnostic card
B. OTDR
C. TDR
D. Multimeter

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Which of the following provides the MOST redundancy for a corporate server network?

A. Server-to-server replication

B. Server clustering
C. Hot site
D. Disk-to-disk replication

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
Which of the following is a distinguishing factor between data archiving and data backups?

A. Data archives are kept for disaster recovery purposes while data backups are kept for indefinite periods of time so that there is an information record.
B. Data archives are kept for documentation purposes to easily recover data while data backups are kept for immediate server recovery.
C. Data archives are kept off-site for data warehousing purposes while data backups are kept locally for immediate server recovery purposes.
D. Data archives are kept for indefinite periods of time so there is a record while data backups are kept for disaster recovery purposes.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Which of the following is the MOST important step in preparing for disaster recovery?

A. Test the disaster recovery plan process
B. Identify key disaster recovery personnel
C. Ensure that all backup data is kept off-site
D. Assist management with IT backup policy decisions

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Which of the following is an SLA?

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

Correct Answer: B
Section: (none)

Explanation

Explanation/Reference:

QUESTION 11
Which of the following BEST explains the purpose of an HCL?

A. It lets the administrator know which hardware will work with a particular OS.
B. It sets the bare minimum hardware requirements for specified software.
C. It allows the administrator to verify software compatibility amongst various vendors.
D. It verifies that hardware is fit for certain overclocking performance metrics.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Which of the following is the MOST important physical consideration when deploying a new server?

A. Humidity monitors, Biometrics, and fire suppression
B. Cooling, rack space, and power requirements
C. Service level agreements, uninterruptible power supply (UPS) deployment, and CCTV
D. Biometrics, fire suppression, and power requirements

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
An IT manager is concerned about server administrators having to be cross-trained to work on every server. Which of the following is the BEST way to correct this problem?

A. Ensure that server baselines are documented for each server.
B. Ensure that all server documentation is completed and up to date.
C. Ensure that each server is accessible via a KVM over IP.
D. Ensure that each server is processed through the change control board.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Which of the following is typically collected during the server baselining process?

A. The vendor documentation and knowledgebase

B. Compliance of local laws
C. Server performance statistics
D. Microsoft Baseline Security Analyzer output

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
Which of the following is the BEST reason to label servers within the server room?

A. To ensure server documentation is kept up to date
B. To ensure administrators avoid duplicate server names
C. To ensure server power requirements are met
D. To ensure the servers can be identified quickly and easily

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
Which of the following is the BEST place to find information about particular server software?

A. Vendor website
B. Online support channels
C. Driver release notes
D. HCL

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
Which of the following will corrupt the BIOS?

A. Applying the BIOS settings in the incorrect order
B. Power being lost during the upgrade process
C. Installing the OS before applying the BIOS upgrade
D. Imaging the system after performing a BIOS upgrade

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
An administrator is attempting to start a server from a bootable Linux disk but instead the server boots into Windows. Which of the following is the MOST likely reason for this?

A. The system needs to boot to Windows first, prior to booting into Linux.
B. The OS settings are not set properly for Linux support.
C. The boot order is set incorrectly in the BIOS.
D. The Linux disk is not supported in a Windows environment.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Which of the following servers would dynamically allocate IP addresses to workstations?

A. NTP
B. DHCP
C. DNS
D. SNMP

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Which of the following BEST describes the function of a redundant power supply?

A. Provides additional diagnostic LEDs
B. Reduces power consumption
C. Eliminates a single point of failure
D. Reduces total cost of ownership

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Which of the following provides the MOST storage capacity without fault tolerance?

A. RAID 1
B. SAS
C. SATA
D. JBOD

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Which of the following would an administrator follow when disposing of equipment for a financial institution?

A. Local laws and regulations
B. Escalation procedure regulations
C. Manufacturer's regulations
D. Server OEM regulations

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
A server configured with RAID 5 has recently suffered from two simultaneous disk failures.

Which of the following would be required to bring the server back to operational status? (Select TWO).

A. Break mirror array
B. Replace cache battery
C. Replace hot standby
D. Restore from back up
E. Replace defective hard drives

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
Which of the following RAID levels provides high performance and potentially allows for the system to continue running with multiple disk failures?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
Which of the following ports supports hot plug devices? (Select TWO).

A. USB
B. AGP
C. PCI
D. IDE
E. PS2

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
Which of the following is the minimum number of drives required for a RAID 10 array?

A. 3
B. 4
C. 5
D. 10

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
An environment has a DC server and an Exchange server. The administrator needs to install a patch and restart both servers while minimizing downtime.

Which of the following is the BEST way to restart the servers?

A. Restart both servers at the same time so the servers are down at the same time.
B. DC server first, then the Exchange server second.
C. The order in which the servers are restarted does not matter.
D. Exchange server first, then the DC server second.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
Before installing a firmware update on a RAID controller which of the following should be done?

A. Check for corresponding driver updates.
B. Rebuild any arrays on the controller.
C. Check for corresponding OS updates.

D. Install a redundant BIOS on the controller.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
An administrator is troubleshooting a problem on an application server, but has not determined the cause of the problem and is not able to replicate the problem. Which of the following should the administrator do prior to escalating the issue?

A. Gather information from users.
B. Reboot the server.
C. Apply the latest service packs to the operating system.
D. Perform a root cause analysis.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
A user selects their proper domain and is unable to log into their Windows computer. The error states: System cannot log you on to the domain because the systems computer account in its primary domain is missing or the password on that account is incorrect.

Which of the following is the MOST likely cause for this error?

A. The computers account was removed from Active Directory.
B. The users account was removed from Active Directory.
C. The computer was disjoined from the domain.
D. The user typed in the wrong password.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
An administrator setting up software RAID 1 on a Windows Server with two volumes for two separate

hard drives, but the option for mirrored is grayed out. Which of the following is the MOST likely reason

why this is occurring?

A. The disks have been setup as basic.
B. The page file must be at least 4GB to support mirrored drives.
C. The disks have been setup as dynamic.
D. Windows does not support software RAID 1.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
An administrator is setting up software RAID 5 on a Windows Server with two volumes for two separate hard drives, but the option for RAID 5 is grayed out.

Which of the following is the MOST likely reason why?

A. The disks have been setup as dynamic.
B. Windows does not support software RAID 5.
C. Raid 5 requires three volumes.
D. The page file must be at least 4GB to support RAID 5.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
A Windows file server has run out of space. In the interim the administrator is moving several archived confidential folders that have been encrypted off the file server and onto an older servers file shares. After the move, a manager reports that they are able to access and modify some of the items that have been moved.

Which of the following is the MOST likely issue?

A. The temporary server was formatted as NTFS.
B. The manager is a power user on the temporary server.
C. The temporary server was formatted as FAT32.
D. The manager is an administrator on the temporary server.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
When considering SAN to SAN replication between sites, which of the following is the MOST important concern?

A. WAN link speed
B. Block size
C. Disk size
D. File system type

Correct Answer: A
Section: (none)

Explanation

QUESTION 35
Which of the following is a differentiating feature of file permissions as compared to share permissions?

A. File permissions are less granular than share permissions.
B. Full control can only be set using file permissions.
C. File permissions are more granular than share permissions.
D. Full control can only be set using share permissions.

Correct Answer: C
Section: (none)
Explanation

QUESTION 36
Which of the following information would be on a system classification list?

A. Disk drive size
B. IP address
C. Acceptable outage time
D. Operating system version

Correct Answer: C
Section: (none)
Explanation

QUESTION 37
Which of the following is the MOST important step in creating a system classification list?

A. Verifying the OS manufacturers
B. Locating a hosting facility
C. Consulting with the system manufacturers
D. Interviewing system owners

Correct Answer: D
Section: (none)
Explanation

QUESTION 38
When troubleshooting hardware issues with a server, which of the following is MOST likely to cause a problem in receiving vendor support?

A. Third party cables

B. Third party memory
C. Signed drivers
D. Server type

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
An administrator has ordered a new server and setup a dedicated RAID 1 array for the application database. While troubleshooting with performance monitoring tools, the administrator is receiving lower read/write speeds than expected.

Which of the following would be the MOST likely cause for the lower performance?

A. The BIOS needs to be upgraded.
B. The administrator did not add the right amount of memory.
C. There is a cooling issue with the server.
D. The administrator did not order high enough RPM drives.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Which of the following is a benefit of software RAID?

A. Increased data integrity
B. Higher performance
C. Lower cost to implement
D. More storage possibilities

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
Which of the following RAID levels would provide the BEST performance with no fault protection?

A. RAID 0
B. RAID 1
C. RAID 3
D. RAID 5

Correct Answer: A
Section: (none)

Explanation

Explanation/Reference:

QUESTION 42
Which of the following describes how to calculate the amount of storage in a RAID 5 array?

A. Number of drives X capacity of the smallest drive
B. (Number of drives 2) X capacity of the smallest drive
C. Number of drives X capacity of the largest drive
D. (Number of drives 1) X capacity of the smallest drive

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
Which of the following BEST describes a DAS?

A. A collection of disks presented as storage to multiple servers through dedicated channels.
B. A collection of disks presented as storage to a single server through an existing network.
C. A collection of disks presented as storage to a single server through directly attached technologies.
D. A collection of disks presented as storage to multiple servers through an existing network.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
Which of the following are ways to transport SAN traffic? (Select TWO).

A. SATA
B. iSCSI
C. SCSI
D. Fiber channel
E. PATA

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
Which of the following media types can hold the GREATEST amount of data?

A. DVD

B. SDLT
C. LTO
D. Blu-Ray

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
Which of the following keystrokes allows installation of third party storage drivers during a Windows

set-up?

A. F6
B. F7
C. F8
D. F9

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
Which of the following expansion cards would be necessary to increase fault tolerance in a VoIP server?

A. Second Modem
B. Second CPU
C. Second HBA
D. Second PBX card

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
Which of the following would provide the BEST reference of normal server performance for a company's
environment?

A. OEM website
B. Software logs
C. Baseline documentation
D. Pre-installation plans

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
Which of the following should be done before and after a service or repair is performed on a server?

A. Defrag
B. IPCONFIG /release
C. Firmware update
D. Baseline

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
Which of the following is the GREATEST environmental concern for a server operating environment?

A. Temperature
B. Lighting
C. Structural columns
D. Elevation

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
A server connects to iSCSI presented SAN storage array through a dedicated NIC; however, the SAN traffic is passed on the same switches as the Ethernet network and VoIP traffic. The size of the presented drive is 700GB. The administrator has noticed a decrease in storage performance.

Which of the following is MOST likely the cause?

A. The servers power supply is starting to fail and causing the iSCSI NIC to intermittently lose power.
B. There are too many users attempting to access the iSCSI presented disk.
C. The other network traffic is causing packet delays in the iSCSI network.
D. The SAN is nearing capacity and should be expanded.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
Which of the following components channels air flow through a server chassis?

A. Fan
B. Heat sink
C. Shroud
D. Radiator

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
Which of the following is the MOST important reason for referencing the HCL?

A. To ensure that all hardware being used has previously been tested
B. To ensure that all hardware being used has the latest firmware
C. To ensure that all hardware being used is the most energy efficient
D. To ensure that all hardware being used can be upgraded in the future

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
Which of the following expansion card slots was designed specifically for video cards?

A. PCIe
B. ISA
C. AGP
D. PCIx

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
Which of the following storage connectors has the FASTEST speed?

A. SATA
B. SCSI 320
C. SAS
D. IDE

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
Which of the following is the LEAST intrusive?

A. Firmware update
B. Remote management card
C. Diagnostic LEDs
D. Multimeter

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
An administrator wants to limit how much data each user is storing. Which of the following will BEST address this issue?

A. Quotas
B. SNMP
C. Disk management
D. ACL

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58
Which of the following is the MOST likely connection type for a backup external modem?

A. IEEE 1394
B. SCSI
C. Serial
D. SATA

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
Weekly backups of the system are done on Sundays, and daily backups are done the rest of the week.

Which of following backup methods were used if the system crashes on Friday and only requires two backup sets to recover the system?

A. Incremental and snapshot
B. Full and differential

C. Full and incremental

D. Differential and incremental

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
Which of the following devices would be installed if an administrator wants to control a group of servers from a remote location?

A. VLAN

B. KVM

C. IP KVM

D. RAID

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
An administrator is upgrading memory on the server. Once the server in turned back on, the administrator notices that the memory has not changed. The system board website says the board should accept the new amount of memory.

Which of the following should the administrator do FIRST?

A. Replace memory chips with known good memory chips.

B. Reseat the memory chips.

C. Update the BIOS.

D. Upgrade the server OS.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
A server will not power on. Which of the following devices should the administrator use FIRST to determine the problem?

A. Loop back plugs

B. Power supply tester

C. System logs

D. TDR

Correct Answer: B

QUESTION 63
Which of the following is a connection oriented transport layer protocol?

A. TCP
B. UDP
C. TFTP
D. SNMP

Correct Answer: A

QUESTION 64
Which of the following is a connectionless transport layer protocol?

A. TCP
B. HTTP
C. SMTP
D. UDP

Correct Answer: D

QUESTION 65
Which of the following is a public IP address?

A. 172.31.254.40
B. 10.100.11.1
C. 192.168.100.1
D. 172.15.16.76

Correct Answer: D

QUESTION 66
A workstation is added to a newly created subnet using 192.168.100.0/24. A DHCP server is available on subnet 192.168.101.0/24. The user is unable to lease an address from the DHCP server.

Which of the following would BEST resolve the problem?

A. Assign the workstation a static IP address.
B. Add a second DHCP server to the 192.168.101.0/24 subnet.
C. Add a DHCP relay to the 192.168.100.0/24 subnet.
D. Add a DHCP server to the 192.168.100.0/24 subnet.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
A server has been assigned the 192.168.100.127/25 IP address. The server is experiencing strange network connectivity related problems.

Which of the following would BEST describe the problem?

A. IP address is classful.
B. IP address is a subnet broadcast address.
C. IP address is a subnet network address.
D. IP address is classless.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
A server crashed because it ran out of all free available disk space. After booting the server back up it is noticed that enhanced logging was enabled on the web server software months before.

Which of the following is MOST likely causing the disk to run out of space?

A. The web server requires larger disk drives.
B. Traffic to the web server has increased.
C. Disks are not large enough for the web server software.
D. Log files are filling the disk.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 69
The operating system partition on a server is nearly out of space on a Windows 2003 Server. The administrator notices that the file pagefile.sys is taking up nearly 2GB of space.

Which of the following would BEST resolve this problem?

A. Move the page file to a free drive.

B. Delete the file.
C. Add more memory.
D. Remove the page file from system properties.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70
A server has five hot pluggable SCSI disk drives in a RAID 5 array. The server OS crashed and the server will not boot. The administrator noticed that all of the disk drives have gone offline.

Which of the following components would MOST likely have caused the problem?

A. Memory
B. SCSI backplane
C. SCSI drives
D. Motherboard

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 71
A server failed Thursday evening before the nightly backup. The backup scheme in place was full backups every Sunday, incremental backups on Monday, Wednesday, and Friday, and differential backups on Tuesday, Thursday, and Saturday.

To fully restore the server, which of the following is the LEAST amount of backup sets required?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
Which of the following backup types will reset the archive bit on files backed up? (Select TWO).

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

E. Differential

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
Which of the following backup types will not reset the archive bit on backed up files?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
When load balancing traffic between two web servers, which of the following technologies provides the LOWEST cost solution?

A. Active/passive cluster
B. Active/active cluster
C. Log shipping
D. DNS round robin

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
Which of the following technologies can provide geographically based load balancing with high availability between two web servers with static content?

A. Multicast
B. Active/passive cluster
C. Active/active cluster
D. DNS round robin

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 76
Which of the following disaster recovery sites requires power and cabling to be run before it can be used?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
At which of the following times should the administrator refer to the HCL?

A. Prior to purchasing hardware
B. Before installation
C. When installing drivers
D. After installation

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
A Windows 2003 Server is no longer able to access its internal SCSI drive. The cables are connected, the drive has power, and the drive shows up in Device Manager; however, the My Computer window does not show the drive that was previously working and formatted with NTFS.

Which of the following would be the FIRST step in regaining access to the drive?

A. Reformat the NTFS partition.
B. Recreate the partition that was deleted.
C. Rewrite the MBR.
D. Run a check disk on the drive.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79
Which of the following is the FIRST course of action before implementing a change to a server?

A. Survey users to get their response to the potential server change.
B. The change should be approved by management.
C. Switch over to the alternate site so users are not affected.

D. Implement RAID so the server does not go offline.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
Which of the following is the BEST support channel for server software and hardware?

A. Online troubleshooting tools
B. Service Level Agreement (SLA)
C. Vendor website
D. Support forums

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
Which of the following are examples of physical security measures? (Select TWO).

A. Policies and procedures
B. Encryption
C. Locked doors
D. Security personnel
E. Backup tapes

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
Which of the following is a way to protect server operating systems from a short term contractor?

A. Biometric devices
B. Limited logon hours
C. Mantraps
D. Rack doors

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 83
Which of the following are types of biometric devices used in server rooms? (Select TWO).

A. Mantraps
B. Fingerprint scanners
C. CCTV systems
D. Retina scanner
E. Proxy card readers

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
An administrator is attempting to recover from a power failure in the data center. Which of the following is the BEST way to recover the servers?

A. Bring up the WINS server, the DNS server, then the web server
B. Bring up the web server, the time clock server, then the DHCP server.
C. Bring up the backup tape server, the DNS server, then the web server
D. Bring up the active directory server, the DNS server, then the web server

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
When making changes to a server, which of the following is the BEST way to troubleshoot a problem?

A. Perform root cause analysis and then test the theory to determine the cause.
B. Make changes to the system and document everything once the problem is resolved.
C. Make multiple changes to all affected areas to resolve all potential issues.
D. Make a change and if the problem is not resolved, reverse the change.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
An administrator is implementing a new data retention program for the company. Which of the following is the MOST important consideration as the new program is created?

A. Awareness of company policy requirements
B. Differentiating between archiving and backup processes
C. Awareness of potential legal requirements
D. Ensuring that the backups for the retention program cover key business areas

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
Which of the following is the MOST effective method to restrict staff members from accessing a service on a company server?

A. Implement ACLs.
B. Disable accounts for staff members who do not require server access.
C. Implement anti-spam software on the server.
D. Implement anti-virus software on the server.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88
Which of the following is the BEST way to allow web software through the server firewall?

A. Implement an application exception.
B. Implement an access control list (ACL).
C. Open the corporate firewall to allow port 80.
D. Implement port blocking on port 80.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 89
Which of the following server types takes up the LEAST amount of space?

A. 1U server
B. 2U rack mount server
C. Tower server
D. 6U blade server

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 90
Which of the following RAID arrays should be used to achieve the MOST performance?

A. Four drives with RAID 0
B. Three drives with RAID 5
C. Four drives with RAID 10
D. Two drives with RAID 50

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
Which of the following RAID arrays should be used to achieve the BEST fault tolerance?

A. Four drives with RAID 0
B. Four drives with RAID 3
C. Four drives with RAID 5
D. Four drives with RAID 10

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
Which of the following expansion ports can a server boot from?

A. AGP
B. USB
C. Serial
D. Parallel

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93
Users are having trouble printing in terminal services. The administrator finds that whenever a certain user prints the print spooler crashes. Which of the following is the MOST likely problem?

A. The user is using a PostScript driver.
B. The printer is not on the HCL.
C. The user does not have the appropriate permissions to print.
D. The printer driver is not installed on the terminal server.

Correct Answer: B
Section: (none)
Explanation

QUESTION 94
An administrator installs a driver, reboots the DC, and logs in to configure the NIC. Once the administrator opens the NIC properties, the server bluescreens and now will no longer boot into Windows.

Which of the following is the FIRST thing the administrator should do?

A. Boot into Last Known Good Configuration.
B. Reseat the NIC.
C. Boot into Safe Mode.
D. Boot into Directory Services Restore Mode.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95
Which of the following replication methods is MOST fault tolerant?

A. Hot site
B. Active/passive clustering at the same site
C. Disk-to-disk replication in the same server
D. Warm site

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
Which of the following is the FIRST thing to consider when designing an email retention policy?

A. Local laws and industry regulations
B. Company policies and guidelines
C. Project guidelines given by stakeholders
D. Mail server and backup capacity

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
Which of the following will allow a server to continue to function if a stick of memory fails? (Select TWO).

A. Chipkill

B. Memory RAID
C. Registered memory
D. ECC
E. Hot spare

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
There is a power outage and all servers are shut down properly by the uninterruptible power supply (UPS) software. When one of the servers starts up it displays a logical drive failed error. This server has two processors, 16GB of memory, and a RAID 5 array with 10 drives.

Which of the following is the MOST likely cause?

A. A failed RAID controller
B. Two failed processors
C. Two failed sticks of memory
D. Two failed drives

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99
An administrator reboots a ten drive server, with a RAID 10 array, after a power failure and receives an error logical drive failed.

Which of the following is the MOST likely cause?

A. Corrupt file system table
B. Backplane failure
C. Multiple drive failure
D. Bad cable

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
Which of the following tools can an administrator use to get a server baseline?

A. System Resource Monitor
B. Microsoft Baseline Security Analyzer (MBSA)
C. Replication Monitor

D. Performance Monitor

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 101
Which of the following allows users to recover their deleted files on file shares by themselves?

A. Windows restore
B. Windows backup
C. Shadow copies
D. Shadow backup

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 102
Which of the following tools restricts device installation?

A. Default domain policy
B. Group Policy
C. Disk Management
D. File share properties

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 103
Which of the following is MOST important to include on the disaster recovery documentation?

A. Emergency exits
B. The test plan
C. Payroll
D. All IT contact numbers

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 104
An administrator needs to implement a security patch policy on the network that adheres to an internal SLA.

Which of the following actions BEST achieves this task?

A. Define a test server group, install the patches and if successful schedule installation on production servers.
B. Define a test server group, schedule installation on production servers and then install all updates and patches.
C. Install the patches during a non-working hour.
D. Send an email to all company users and request the best time for installation.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 105
An administrator is notified that all network printers are not printing. The administrator reviews the server and the print service is started.

Which of the following is the cause of the problem?

A. The drivers for the printers are failing.
B. The spool folder is full.
C. The spool folder is not on the C drive.
D. A network printer was disconnected.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 106
Which of the following is a reason to implement a local KVM instead of an IP KVM?

A. Local KVM supports all operating systems.
B. Local KVMs allow multiple user access.
C. Higher number of ports on a local KVM.
D. Local KVMs are more secure.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 107
An administrator will replace five current servers. Which of the following is the MOST important to review before installing new servers?

A. Verify uninterruptible power supply (UPS) load
B. Verify if server consumes 220V

C. Verify CPU load
D. Verify if server consumes 110V

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 108
An administrator identifies that a server is shutting down. The administrator powers up the server and OS loads but after a few minutes it powers down again.

Which of the following is the cause?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 109
Which of the following statements is true about L1 cache?

A. L1 cache operates faster than the processor.
B. L1 cache is directly connected to the processor.
C. L1 cache can deliver data in 5ns.
D. L1 cache is located on the system board.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 110
Which of the following statements is true about L3 cache?

A. L3 cache operates faster than the system processor.
B. L3 cache runs at the speed of the processor.
C. L3 cache can deliver data in as little as 15ns.
D. L3 cache runs at the speed of the system bus.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 111
Which of the following is MOST useful in HVAC planning? (Select TWO).

A. Uninterruptible Power Supply (UPS) load
B. Humidity
C. Amperage
D. Voltage
E. Temperature

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 112
Which of the following must occur when installing SCSI devices into the server?

A. Terminate the back end of the chain.
B. Set the jumper to device ID 0.
C. Terminate both ends of the chain.
D. Set the jumper to cable select.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 113
Which of the following devices is used to provide appropriate voltage to the CPU?

A. Redundant power supply
B. VRM
C. Heat sink
D. HBAs

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference: