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CompTIA SK0-003

CompTIA Server+ Certification Exam

The material is well organized and well presented in this VCE.

I took the exam today. All questions and sims were different.

Best to read my cover notes in this vce at the start of the exam.

Exam A

QUESTION 1
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 system's 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 computer's account was removed from Active Directory.
B. The user's account was removed from Active Directory.
C. The computer was disjoined from the domain.
D. The user typed in the wrong password.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 2
An administrator logs into a server and notices slow performance. When the system finishes the logon process a message is displayed saying the system is out of Virtual Memory. Which of the following is the MOST likely cause of this issue?

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A. The drives have been configured as basic.
B. The system partition with the page file is out of space.
C. The VMFS has bad sectors.
D. The drivers for the memory have become corrupt.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 3
An administrator logs into a server and notices slow performance. While troubleshooting the problem the administrator notices that an unfamiliar process in the

Task Manager is running at 100% CPU usage. The administrator tries to end the task and receives `Access is denied'. Which of the following steps would allow the administrator to terminate that process?

A. Adding the `Run as a service' permission to their account.
B. Running the kill utility.
C. Adding their account to the remote users group.
D. Ending the services.exe process then ending the runaway process.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 4
An administrator has added a new hard drive to a server that is running out of space on its C Drive and is experiencing slow performance. The administrator needs to free up space on the C Drive. Which of the following is the BEST action for the administrator to take to free up space on the drive?

A. Move the page file to the new drive.
B. Copy the system32 directory to the new drive.
C. Convert the C drive to a basic disk.
D. Setup a software RAID to mirror the C drive.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
An administrator is troubleshooting issues on an application server. After a root cause analysis, the administrator has determined that there were some unauthorized logins to the server. Which of the following locations would BEST help to determine details about the unauthorized logins?

A. Active Directory
B. DHCP logs
C. Security logs
D. System logs

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 6
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:
Explanation:

QUESTION 7
Upgrading which of the following components in a server has the GREATEST affect on virtualization?

A. Amount of Memory
B. Number of HBAs
C. Hard drive cache size
D. ECC ability in memory

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
Which of the following BEST describes a NAS?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 9
Which of the following BEST describes a virtual machine?

A. Host
B. VDI
C. Hyper-V
D. Guest

Correct Answer: D
Section: (none)

Explanation

Explanation/Reference:
Explanation:

QUESTION 10
Which of the following would be the BEST location to research current physical layout?

A. Remote management software
B. Rack diagrams
C. OEM documentation
D. Pre-installation plans

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is modified.

QUESTION 11
Which of the following channels air flow through a server chassis?

A. Fans
B. Ducts
C. Heat sinks
D. Condensers

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 12
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
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 13
Which of the following protocols would be used to test if one host is reachable by another host, by sending echo requests and waiting for echo replies?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
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:
Explanation:

QUESTION 15
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:
Explanation:

QUESTION 16
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:
answer is modified.

QUESTION 17
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:
Explanation:

QUESTION 18
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:
Explanation:

QUESTION 19
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 20
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:
Explanation:

QUESTION 21
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:
Explanation:

QUESTION 22
Which of the following operating systems can Hyper-V run on?

A. 64-bit Linux Enterprise Edition
B. 64-bit Windows Server 2008

C. 32-bit Windows Server 2008

D. 64-bit Windows Server 2003

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Which of the following is the MOST important consideration when looking at distance requirements when planning a hot site?

A. Avoiding more expensive bandwidth costs for data lines between regions

B. Avoiding a regional disaster that affects both the main site and the hot site

C. Avoiding a second location that has high latency between sites

D. Avoiding a location that is too expensive

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 24
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:
Explanation:

QUESTION 25
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:
Explanation:

QUESTION 26
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An administrator installed new components on a server. After the device installation, two of the components fail. Which of the following is the cause of the problem?

A. The server was not powered off correctly.
B. The proper ESD procedures were not used.
C. The devices were installed in the incorrect sequence.
D. The devices are incompatible with the system.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 27
An administrator installs a new server with five 146GB drives and implements RAID 5 for hardware redundancy. How much disk space will be available for the OS, tools and regular files?

A. 146GB
B. 438GB

C. 584GB

D. 730GB

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 28
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:
Explanation:

QUESTION 29
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Which of the following memory technologies doubles the amount of data obtained in a single memory access from 64-bits to 128-bits?

A. SDRAM

B. DDR RAM

C. Interleaved memory

D. Online spare memory

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 30
Which of the following would restrict traffic from a specific host to a network?

A. MIBs
B. NAS
C. ACL
D. SMTP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 31
Which of the following is eliminated when using SATA instead of PATA technology?

A. Jumper selection
B. Power connector
C. Data port connector
D. Hard drive LEDs

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 32
Which of the following features should a technician consider when purchasing a KVM switch for a

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datacenter?

A. PCI slots available
B. Scalability and flexibility
C. Number of analog modems provided
D. Number of video conference devices connected

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 33
While reviewing the backup logs a server administrator notices that a backup job for an application server on the same subnet has failed. Which of the following is MOST likely the problem?

A. The remote agent was not running.
B. The management card has failed.
C. The proxy server was blocking access.
D. The hardware firewall was blocking access.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 34
Which of the following is an advantage of using a KVM with multiple servers?

A. Eliminates the need for backup tapes
B. Increases redundancy
C. Saves physical space in the racks
D. Offers additional runtime for the UPS

Correct Answer: C
Section: (none)

Explanation

Explanation/Reference:
Explanation:

QUESTION 35
An administrator sees that smoke is coming from the UPS. Which of the following should they do

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FIRST?

A. Use a Class A fire extinguisher.
B. Evacuate personnel.
C. Install additional fans in the UPS.
D. Backup the servers.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 36
Which of the following is MOST likely the reason a technician would implement software RAID for a SOHO environment?

A. CPU efficiency
B. High availability
C. High redundancy
D. Cost effective

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 37

A technician is unable to eject a tape from a drive when pressing the eject button. Which of the following is MOST likely the cause?

A. Corrupt OS
B. Array is rebuilding
C. Driver problem
D. Drive failure

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 38
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A system administrator is trying to troubleshoot company wide email problems that may be related to DNS. Which of the following network tools would be MOST useful to determine if it is a DNS issue?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 39
Several remote sales employees, who have come into the office this week, report that they are unable to get on the Internet, but no other users have reported similar issues. The helpdesk has escalated the issue and the case notes state that the users have IP addresses that begin with 169. Which of the following should the system administrator check FIRST?

A. DHCP server
B. Network switches

C. DNS server

D. Core router

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 40
A system administrator needs to specify a set of FQDN to IP address mappings for a legacy server; the administrator does not want the legacy server to be referenced by other servers. Which of the following should the administrator use to set this?

A. DHCP server

B. DNS server

C. Host file

D. Route statements

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
Which of the following is the MINIMUM number of disks necessary for a RAID 10 array?

A. 2

B. 3

C. 4

D. 6

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 42
Which of the following is the MINIMUM number of disks necessary for a RAID 50 array?

A. 3
B. 4
C. 5
D. 6

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 43
Which of the following technologies can be used to remotely gain access to a server console? (Select TWO).

A. PS/2 KVM
B. LDAP
C. VNC
D. Remote desktop
E. VPN

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
Which of the following describes how many VRM's would be required in a system with quad Xeon CPU's?

A. 1
B. 2
C. 3

D. 4

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 45
The server administrator discovers that a server, which has not been patched, is running extremely slow and suspects that the server may have been compromised. Which of the following commands should the administrator use to check the number of network connections the server is making?

A. netstat
B. ping
C. nslookup
D. grep

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 46
Which of the following stripes data at the bit level and uses a dedicated disk for parity?

A. RAID 0
B. RAID 3
C. RAID 5
D. RAID 10
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Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 47
Which of the following stripes data at the block level and does not have a dedicated disk for parity?

A. RAID 1 and RAID 5
B. RAID 2 and RAID 10
C. RAID 3 and RAID 0
D. RAID 0 and RAID 5

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 48
Which of the following hard drive busses will provide the FASTEST speed?

A. SAS
B. SATA
C. PATA
D. EIDE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 49
Which of the following server chassis types allows for the HIGHEST server density in a rack?

A. Blade server
B. Tower converted to rack server
C. Tower server

D. Rack server

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
Which of the following will allow for the GREATEST amount of memory failure while still allowing the server to operate?

A. DDR3
B. Memory pairing
C. ECC
D. RAID

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 51
Multicore can be described as which of the following?

A. Multiple processors dedicated for individual tasks.
B. Multiple cores on a single die.
C. Multiple cores on multiple dies.
D. Multiple processors working together to increase processing power.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 52
Which of the following is the BEST way to ensure that a server is up-to-date with all updates as soon as they are released?

A. Automatic updates set to install once per week
B. Automatic updates set to install updates automatically
C. Automatic updates set to download all updates automatically
D. Manual updates done daily at noon

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is up-to-date.

QUESTION 53
Which of the following server roles sends out a time signal for clients to synchronize with a clock?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 54
Which of the following are benefits to server virtualization? (Select THREE).

A. Operating system standardization
B. Increased hardware utilization
C. Increase of unused resources
D. Ease of administration
E. Simplification of disaster recovery

F. Ease of new server deployment

Correct Answer: BEF
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 55
Which of the following is an example of a private IP address?

A. 191.168.5.4

B. 111.12.53.2

C. 5.2.4.4

D. 169.254.15.28

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
corrected.

QUESTION 56
Which of the following ports should be allowed through a firewall for Telnet to function?

A. 23

B. 25

C. 50

D. 110

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 57
Given four drives, which of the following RAID levels will allow for the GREATEST performance?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 58
Which of the following RAID levels would be appropriate given two drives and a need for fault tolerance?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
Which of the following MOST correctly describes a hot spare?

A. A drive assigned to an array that will only hold parity information used for rebuilding a failed array drive.
B. An external hard drive to which all data is replicated to for recovery in the event of a failure.
C. A drive assigned to an array that will automatically be used to rebuild a failed array drive.
D. An extra drive purchased and stored in the parts cabinet to replace failed drives.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 60
Which of the following ports MUST be open on the firewall to allow remote desktop connection and remote assistance traffic through?

A. 21
B. 443
C. 3389
D. 8080

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 61
As a best practice, when should the server be rebooted to apply the reboot required patches?

A. During scheduled downtime
B. Once a year
C. As soon as the patches are finished installing
D. At the same time every day

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
When installing a server in a rack, which of the following locations describes where in the rack a server should be installed?

A. On the very bottom U of the rack, with the UPS above the server
B. In the middle of the rack to help balance the rack
C. Closest to the bottom of the rack, above heavier equipment
D. On the very top U of the rack, with the UPS directly below it

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 63
Which of the following is the BEST way to make sure the network printer is automatically installed when the user logs on?

A. Log onto the user's computer as a local administrator and install the printer.
B. Make sure the user has permission to print to the printer.
C. Create and implement a logon script.
D. After the user has logged on, install the printer.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 64
Which of the following server types stores users' home directory folders?

A. Application
B. File
C. Directory services
D. Print

Correct Answer: B
Section: (none)

Explanation

Explanation/Reference:
answer is verified.

QUESTION 65
Which of the following cable types should be used to achieve Gigabit Ethernet speed?

A. CAT5
B. CAT3
C. CAT6
D. Thicknet

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 66
After performing the initial steps in installing the server OS from a DVD-ROM, the server reboots and goes back into the setup wizard. Which of the following is the MOST likely cause for this problem?

A. The DVD-ROM drive has failed.
B. An installation file copied from the DVD to the hard drive is corrupt.
C. Faulty OS installation DVD.
D. Incorrect boot sequence in the BIOS.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 67
When disposing of data, which of the following should be considered FIRST?

A. Company policy requirements
B. Local legal requirements
C. Storage requirements
D. Disposal requirements

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
Which of the following ports does RDP use by default?

A. 23
B. 902
C. 1677
D. 3389

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 69
Which of the following can be used when installing the OS without a boot disk?

A. ZFS
B. VMFS
C. PXE
D. PBX

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 70
The administrator has just installed a new memory module into the server. Now, the server is not showing the new memory. Which of the following should the administrator perform FIRST?

A. System reboot
B. Reseat the memory
C. Install the latest firmware
D. Install the latest driver

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 71
Management has asked the server technician to deploy fourteen new servers with newly-released operating systems in the virtual environment for testing purposes. Which of the following is the FASTEST way to do this?

A. Create a template of an existing server and deploy the fourteen images from that server.
B. Create a server template, and deploy all fourteen servers from this template.
C. Create one server, create a backup image, and restore thirteen servers from the image.
D. Create each server individually.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 72
Which of the following should be done FIRST when troubleshooting a problem?

A. Test the theory to determine the cause
B. Perform a root cause analysis
C. Establish a plan of action
D. Document outcomes

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 73
A datacenter director implements a new security measure in response to multiple equipment thefts from the datacenter. The new security measure requires people entering or leaving the datacenter to go through an extra secure area. Once entering the area people must present two forms of authentication to leave. Which of the following security measures does this describe?

A. Mantrap
B. RFID cards
C. Defense in depth
D. Biometrics
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Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 74
A system administrator needs to provision storage for a 200GB database. The database must have extremely low seek time. Which of the following is the BEST solution?

A. A JBOD
B. A RAID 50 array
C. A NAS
D. A single SSD

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 75
A technician works in a datacenter that is shared by multiple companies. The technician is concerned with preventing the theft of proprietary information by other technicians with access to the datacenter. Which of the following is the BEST way to prevent data theft in this scenario?

A. Mantraps
B. Two-factor authentication
C. Security personnel
D. Locked rack doors

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 76
A technician is installing new memory in a server. The technician would consult the HCL to ensure which of the following?

A. Memory and virtual memory compatibility
B. Memory and speed compatibility
C. Memory and HDD compatibility
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D. ESD standards were followed

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 77
A technician wants to decrease the overall attack surface of the servers in a data center through decreasing the number of open network ports on each server. Which of the following could the technician implement to increase security?

A. Host based intrusion detection software
B. Software firewall
C. NTFS
D. ACL

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 78
The primary purpose of an SLA between the service provider and customer is to agree on which of the following?

A. Monthly bandwidth limits, server configuration, and software baseline.
B. Number of dedicated technicians assigned to network issues.
C. Level of service including energy consumption, bandwidth and server color.
D. Level of service including time limits for service, repair and replacement.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 79
Lightening causes a power surge and leads to a fire in the datacenter. Following emergency procedures, which of the following is the FIRST thing the server administrator should do?

A. Turn off all electrical power
Real 102

B. Remove all backup media
C. Implement fire suppression
D. Evacuate all personnel

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 80
If there is a conflict in policy for data retention, which of the following should the technician adhere to FIRST?

A. Industry best practices
B. Company policy
C. International standards
D. Local legal requirements

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 81
A major difference between archiving and backing up data is that data backups:

A. contain data removed from the server.
B. contain data that still resides on the server.
C. are stored with the servers.
D. are stored securely.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 82
Which of the following on-board components is used exclusively for exchanging data with remote machines?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 83
A server in the production environment monitors output from various sensors along an assembly line. New equipment is being added to the line that will require monitoring. The server administrator needs to add additional inputs to the server for this new equipment. Which of the following input types is MOST likely required?

A. EIDE
B. SATA
C. Serial
D. Video

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 84
A server needs to have memory added to support a new application. It currently is using PC4200 in a single channel configuration. Which of the following would be

the correct memory upgrade?

A. Install larger capacity PC2100 dual channel memory modules.
B. Add a PCI expansion card with PC2100 single channel memory modules.
C. Install smaller capacity PC4200 single channel memory modules.
D. Install larger capacity PC4200 single channel memory modules.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 85
A hypervisor has 4GB of RAM, 1TB of RAID 5 SATA storage, two Xeon 2.4GHz Quad Core Processors, and four gigabit NIC cards. The hypervisor is running twelve guest operating systems

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and users are reporting slow response times. Which of the following is MOST likely the cause?

A. Processor
B. RAM
C. HDD
D. NIC

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
The company has purchased one hundred and fifty new servers. The server administrator needs to build and deploy them as quickly as possible. Which of the following is the FASTEST method of building and deploying each server?

A. Build each server from the OS manufacturer's build disk.

B. Use an imaging system to manually deploy the build to the servers.

C. Build each server with the manufacturer's build disk.

D. Give the company build disk to the server manufacturer.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
answer is updated.

QUESTION 87
The company has two thousand servers located around the globe. Which of the following is the BEST method of patch management and deployment?

A. Set all servers to automatically download patches from the manufacturer's website.

B. Install an internal patch management system and deploy from the system.

C. Install the patches on each server from a deployment disk.

D. RDP into each server, manually download and install the patches.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
corrected.

QUESTION 88
In Windows server permissions, an implicit deny:

A. denies all accounts except an administrator account.

B. will always result in a deny.

C. will be overridden by an explicit allow.

D. will lock the account out of the server.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 89
The server administrator has just brought a new Windows server online. Permissions are set, but the server administrator cannot connect remotely. Which of the following is MOST likely the problem?

A. WMI was not enabled.

B. Server service was not enabled.

C. RDP was not enabled.

D. Workstation service was not enabled.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 90
A server has failed after a tested and scheduled change control has been implemented. Which of the following is the FIRST thing the server technician should do?

A. Perform a root cause analysis.

B. Escalate the problem.

C. Notify stakeholders.

D. Establish a plan of action.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
Which of the following is the MOST important troubleshooting step?

A. Test the theory.
B. Perform a root cause analysis.
C. Establish a plan of action.
D. Make one change at a time.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 92
A tape library with LTO2 drives can hold 30 tapes. Which of the following is the approximate maximum native backup storage of the tape library?

A. 6TB
B. 6MB
C. 6PB
D. 6GB

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 93
A technician is replacing memory in a server whose motherboard supports PC100 or PC133 memory. This type of memory is also known as which of the following?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
answer is updated.

QUESTION 94
A technician is replacing memory in a server whose motherboard supports PC2100 memory. This type of memory is also known as which of the following?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 95
A technician is replacing memory in a server whose motherboard supports PC3-8500 memory. This type of memory is also known as which of the following?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 96

A technician needs to replace the processor on a server's motherboard. The motherboard supports Socket 478 processors. Which of the following processors would be compatible with this motherboard?

A. AMD Athlon
B. Pentium III
C. Atom
D. Pentium 4

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
Which of the following should be included in the network diagram?

A. Server room access log
B. Server types
C. OEM contact information
D. Temperature reading

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 98
When creating a list of vendors, which of the following information should be included?

A. Vendor customer satisfaction ratings
B. OEM contact information
C. Time vendor has been in business
D. Annual spending budget with the vendor

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 99
A restaurant is considering placing a server to run their restaurant software in the kitchen of the restaurant. Which of the following environmental considerations is of MOST concern?

A. Temperature
B. Power
C. Humidity
D. Dust

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
An administrator is having problems with a server's built-in I/O devices such as keyboard and USB ports. Which of the following is the BEST solution to resolve the problem?

A. Upgrade to the latest security patch
B. Reinstall the operating system
C. Update the faulty equipment drivers
D. Upgrade to a new service pack

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 101

A server administrator recently purchased a new brand of rewritable Blu-ray media and is now having problems backing up data when using the Blu-ray burner installed in the server. Older backup disks still work, but the new media causes the backup software to report burn failures. Which of the following is the BEST solution to resolve the problem?

A. Update the Blu-ray burner to the latest drivers
B. Reboot the server and restart the software
C. Upgrade the firmware on the Blu-ray burner
D. Apply the latest operating service pack

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 102
Which of the following is the typical recommended temperature range for a data center?

A. 64°F to 77°F (18°C to 25°C)
B. 78°F to 85°F (26°C to 29°C)
C. 41°F to 55°F (5°C to 12°C)
D. 56°F to 63°F (13°C to 17°C)

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
answer is verified.

QUESTION 103
Which of the following is the MOST secure and efficient way to dispose of rewritable DVD media containing sensitive information?

A. Media should be erased
B. Media should be shredded
C. Media should be exposed to UV
D. Media should be formatted

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 104
An administrator does not have console access to a Windows Server. Which of the following command line utilities should the administrator use to reboot the system remotely?

A. reboot
B. pkill
C. shutdown
D. kill

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 105
When upgrading the BIOS, which of the following is MOST important?

A. Check room temperature and humidity.
B. Follow manufacturer instructions and documentation.
C. Run operating system updates.
D. Defragment all the hard drives on the system.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 106

Which of the following is the advantage of Server to Server replication in a cluster environment over Disk to Disk?

A. Reduced network traffic
B. Frequent BIOS updates are not required
C. Backup agent does not need to be installed
D. Provides greater overall fault tolerance

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 107
NAS, SAN, and Tape library are MOST commonly used for which of the following?

A. System paging file
B. Virtual memory
C. GPU processing
D. Backup and file storage

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 108
An administrator is creating a new data retention policy. Which of the following is the MOST important consideration?

A. Compile technical requirements for new policy
B. Comply with applicable laws and regulations
C. Destroy the old data retention policy
D. Have hard copies of the new policy stored offsite

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:
Explanation:

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QUESTION 109
During a printer driver installation, a message appears stating "The software being installed for this hardware has not passed Windows logo testing". Which of the following is the SAFEST course of action for the administrator to take?

A. Continue with installation
B. Install .dll files needed for the printer
C. Obtain a Microsoft certified driver
D. Restart the printer and try again

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 110
A server contains a 3 disk RAID 5 array. The red LED is illuminated on one of the drives. Which of the following should the server administrator perform?

A. Replace the drive
B. Restore the drive from backup
C. Reboot the server
D. Reconfigure RAID 5 to RAID 10

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 111
A server is sending 404 responses to requests from users. Which of the following would MOST likely be a possible cause?

A. Loss of connection to an NFS share
B. DNS server is down
C. Firewall incorrectly blocking outside subnets
D. Denial of service attack from outside
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Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 112
A technician would like to setup load balancing on a file server. Which of the following additional devices will need to be added to the server?

A. NIC
B. PBX
C. CPU
D. USB

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 113
Virtualization is environmentally friendly because which of the following?

A. It costs less to implement
B. It is easier to maintain
C. Servers generate less heat
D. Helps reduce amount of energy consumed

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 114
A technician is logged into a Windows 2008 server as an administrator and is receiving the following message when trying to run administrative utilities "The requested operation requires elevation". Which of the following is causing this message to be displayed?

A. Malware
B. Firewall
C. Service failure
D. UAC
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Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 115
A technician is setting up RAID technology for a server-based video editing system. The technician is not concerned about fault tolerance but needs a low cost and high speed system. Which of the following RAID levels should the technician implement?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 116
An organization which deploys a large number of multifunction printers from different manufacturers is planning to upgrade their print server to the latest operating system. After the upgrade, the technician discovers that the current print management software will not run on the new operating system. Which of the following should the technician check before purchasing new print management software to ensure it is compatible with all of the company's printers?

A. The technician should consult the new software's HCL
B. The server ACL must be compared against the print management software requirements
C. The technician should verify that all printer drivers are signed
D. All printer manuals should be checked for compatibly with the print management software

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 117
A server randomly reboots and experiences data corruption on each reboot, even though write caching is enabled on the array. Which of the following should the technician do FIRST to minimize data corruption?

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A. Replace the drives with SSD
B. Replace the RAID controller battery
C. Install a tape drive and schedule backups
D. Connect the server to a surge protector

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 118

A technician prints out the following server NIC configuration:

IP192.168.0.1

NETMASK 255.255.255.0

GATEWAY192.168.0.254

DNS1169.254.1.2

DNS2169.254.2.1

Which of the following is the MOST likely cause why the server is unable to download operating system updates?

A. Wrong Netmask
B. Wrong DNS addresses
C. Wrong Gateway
D. Wrong IP address

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 119
A technician is reviewing the following configuration from a newly installed server:

Network Destination Netmask Gateway Interface Metric

10.0.2.0 255.255.255.0 10.0.2.15 10.0.2.15 20

10.0.2.15 255.255.255.255 127.0.0.1 127.0.0.1 20

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10.255.255.255 255.255.255.255 10.0.2.15 10.0.2.15 20

127.0.0.0 255.0.0.0 127.0.0.1 127.0.0.1 1

224.0.0.0 240.0.0.0 10.0.2.15 10.0.2.15 20

255.255.255.255 255.255.255.255 10.0.2.15 10.0.2.15 1

Which of the following commands was run to generate the above information and why is the server unable to communicate with the Internet?

A. ROUTE PRINT. The default gateway is missing
B. NSLOOKUP. The loopback address needs to be removed.
C. IPCONFIG. The last line in the configuration is wrong.
D. TRACERT. The interface metric is too high.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 120
A technician needs to install Windows 7 on 100 computers on an already functional network. The technician already has an image that will be used for deployment. Which of the following should the technician do NEXT?

A. Install a DNS server
B. Install a DHCP server
C. Install and configure WDS
D. Create a Windows recovery image

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 121
A technician needs to setup a server to determine if production servers go down. Which of the following servers will be used?

A. DNS server
B. SNMP server

C. Proxy server
D. DHCP server

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 122
A technician is working in a large corporate environment and is preparing to install patches on a mission critical server. Which of the following should the technician do FIRST before installing patches on the server?

A. Clone the server
B. Take a snapshot of the server
C. Backup the server
D. Deploy patches on a development server

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 123
Which of the following uses a client/server model that provides system management which enables administrators to monitor server characteristics?

A. Self-Monitoring Analysis Reporting Technology
B. Desktop Management Interface
C. Simple Network Management Protocol
D. Microsoft Management Console

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 124
A company has its headquarters in Chicago and branch office in New York. The servers at headquarters replicate all data from Chicago to New York in real time.
This is an example of which of the following?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 125
Which of the following operating systems requires a 64 bit processor?

A. CentOS 5.2
B. Windows Server 2003 Enterprise Edition
C. Suse Linux Enterprise Server (SLES) 11
D. Windows Server 2008 R2 Standard Edition

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 126
A server has four 300 GB SAS hard drives and a RAID card. The server will initially need 300 GB of storage space, and is estimated to grow to 400 GB. Which of

the following RAID configurations should be deployed?

A. RAID 1 with a hot spare
B. RAID 5 with a hot spare
C. RAID 10 with a hot spare
D. RAID 50 with a hot spare

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 127
Users in a large corporate environment have been reporting that access to their virtualized servers has slowed recently. All of the virtualized servers are hosted on an iSCSI NAS. Which of the following should be done to troubleshoot performance?

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A. Validate that the firmware on the hard drives in the NAS are all at the same level
B. Reboot the NAS
C. Check the baseline of the NAS device
D. Reboot the host servers

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 128
Which of the following provides the QUICKEST restore time?

A. Bare Metal restore
B. Snapshot
C. LTO-3 tape array

D. WORM tape array

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 129
Which of the following is a Class A IP address?

A. 10.4.0.1
B. 128.39.0.1
C. 192.168.0.1
D. 224.216.0.1

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 130
Which of the following is a benefit of using RAID 1 in a server?

A. Data is striped
B. Data is mirrored
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C. Data is spanned
D. It only requires 1 hard drive

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 131
Which of the following is the purpose of using a network attached storage device?

A. To provide storage space to network devices
B. To provide a high-speed network for different types of storage devices
C. To automatically load optical media via a robotic device
D. To classify, catalog, and maintain backup media

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 132
A technician backs up the data on a server with a full backup on Sunday night. On Monday through Friday night, a different type of backup is run on the server. A file needs to be restored Saturday morning. If the technician needs all tapes for the week (Sunday-Friday) to restore the file, which of the following describes the type of backup performed Monday-Friday night?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 133
Which of the following is the purpose of using an optical jukebox?

A. To classify, catalog, and maintain backup media
   Real 121

B. To automatically load optical media via a robotic device

C. To provide a high-speed network for different types of storage devices

D. To provide storage space to network devices

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 134
Which of the following services can automatically provide client PCs with both their domain name and network time server upon boot?

A. DHCP

B. DNS

C. WINS

D. NTP

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 135
A server will run for about 30 minutes and then shut down suddenly. Which of the following is MOST likely causing this behavior?

A. Power supply failure

B. Hard Drive failure

C. Cooling failure

D. POST failure

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 136
An administrator has set up web-based software that is able to be administered remotely. The website works fine on the local server, the site is not available when accessed from a remote PC.
Which of the following is the cause?

A. Failed driver
B. Software Firewall
C. User Account Control
D. The web service is not started

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 137
In a secure network topology, which of the following shows where an e-commerce Web server should be placed?

A. Within a VPN
B. Within a subnet
C. Within a VLAN
D. Within a DMZ

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 138

Which of the following cable type would be used when directly connecting two servers?

A. A crossover cable
B. A coaxial cable
C. A rollover cable
D. A straight-through cable

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 139
Which of the following types of backup modifies the archive bit? (Select TWO).

A. Copy backup
   Real 123
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B. Selective backup
C. Differential backup
D. Incremental backup
E. Full backup

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 140
A network administrator reports that they receive the following error message when attempting an action that would result in an entry in the system log: "Unable to write to system log!" The administrator has successfully written to this log in the past. Which of the following is the MOST likely reason for the error?

A. There is malware on the server that hosts the log file.
B. The network administrator does not have permission to write to the log file.
C. The drive that hosts the system log is fragmented.

D. The drive that hosts the system log is out of disk space.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 141
A server administrator needs to determine if DNS is working properly. Which of the following commands would accomplish this task on a Windows-based system?

A. nbtstat

B. traceroute

C. nslookup

D. ipconfig

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 142
A vendor plugs their laptop into a port on a wall jack. The vendor is unable to access the network.

Real 124
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Which of the following is the MOST likely problem?

A. Port security is enabled

B. The DNS server is down

C. The DHCP server is down

D. The host file is misconfigured

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 143
A technician is tasked with updating the VM server standard image that is used to deploy servers in the company. Which of the following should the technician update?

A. Template
B. Production servers
C. Upgrade OS
D. Development servers

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 144
Which of the following terms is used to describe a system image that is used to deploy other systems in a virtual environment?

A. Clone
B. Development system
C. Template
D. Production system

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 145
Real 125
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A server technician is working at one of the company's branch offices. The technician is unable to access a server at the corporate office. The technician receives a "destination host unreachable" when trying to PING the server name. The technician is able to PING the IP address of the server. Which of the following DNS

records should the technician check?

A. A record
B. CNAME record
C. PTR record
D. MX record

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 146
A server technician recently deployed a DNS server in the virtual environment. Which of the following describes the new DNS server in the virtual environment?

A. Host OS
B. Guest OS
C. Proxy server
D. Hypervisor

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 147
Which of the following installation methods MUST use the TCP/IP protocol to deploy systems?

A. IMAGEX
B. Virtualization template
C. Ghost
D. WDS

Correct Answer: D

QUESTION 148
Which of the following is used for managing users in a client/server environment?

A. LDAP
B. DNS
C. Web
D. Proxy

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 149
Which of the following techniques can be used to automatically rebuild a RAID array due to a disk failure?

A. Hot spare
B. Striping
C. Cold spare
D. Parity

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 150
A high performance video rendering farm needs maximum performance. All final input, output, and other important data is stored externally on a Storage Area Network. Which of the following RAID levels should be configured?

A. RAID 0

B. RAID 1

C. RAID 4

D. RAID 5

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 151
Which of the following RAID levels should be selected for a large capacity file server that requires MAXIMUM storage capacity and a reasonable degree of robustness?

A. RAID 0

B. RAID 1

C. RAID 5

D. RAID 10

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 152
Which of the following can help prevent data loss on a RAID array in the event of a power failure?

A. Using a RAID mirror

B. A battery backed write cache

C. Using RAID with parity

D. A battery backed read cache

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 153
Which of the following transmission media is used to connect to a Storage Area Network?

A. Fibre Channel
B. SAS
C. Coaxial
D. Ethernet

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 154
Real 128
CompTIA SK0-003 Exam
A technician investigates a server with an internal RAID 5 array that has been reported down. When looking at the console they find an error message stating:
`Operating System not found'. Which of the following are likely causes of this error? (Select TWO).

A. Multiple hard drives have crashed
B. The network is unplugged
C. A partition table has been corrupted
D. A single hard drive has crashed
E. OS install CD-ROM was left in the tray

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 155
A user reports they cannot access the internal company website after maintenance was performed on the website server. When a technician arrives on site to troubleshoot the issue, which of the following steps should they perform FIRST?

A. Establish a theory of probable cause
B. Establish a plan of action to resolve the problem
C. Identify changes made to the server
D. Run a backup job and verify data

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 156
A technician currently has a server with RAID 0. The technician would like to improve read performance to the data partition by adding an additional hard drive and creating a new RAID with just the two physical hard drives. Which of the following RAID levels should the technician select for the new RAID?

A. 1
B. 5
C. 6
D. 50

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 157
Which of the following RAID levels has high read performance and only allows data to be written to half the available physical hard drive space?

A. 0
B. 1
C. 5

D. 6

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 158
A technician would like to upgrade a server with a Socket LGA1155 Xeon processor. Which of the following processors is compatible with this server?

A. P4
B. Celeron D
C. Athlon
D. i5

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 159
A company backs up their data using daily, weekly, and monthly tape backups. The monthly backups are also known as which of the following?

A. Great-grandfather
B. Grandfather
C. Father
D. Son
    Real 130
    CompTIA SK0-003 Exam

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 160
A technician would like to upgrade the processor in a server. In order to upgrade the processor, the technician needs to know which of the following? (Select TWO).

A. Memory type
B. Socket type
C. Brand type
D. Available expansion slots
E. Power supply voltage

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 161
Which of the following can provide direct connections for hot-swappable drives?

A. Expansion card
B. Daughter card
C. Riser card
D. Backplane

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 162
Mounting aluminum fins on DIMM modules would be an example of which of the following types of cooling?

A. Redundant
B. Passive

C. Shroud
D. Active
Real 131
CompTIA SK0-003 Exam

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 163
Which of the following allows multiple server systems to be connected by a backplane?

A. Blade form factor
B. Rack form factor
C. ATX form factor
D. Tower form factor

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 164
Which of the following is the CAS latency of a memory module?

A. The number of clock cycles to verify the data
B. The number of clock cycles to store data
C. The number of clock cycles to clear the module
D. The number of clock cycles to return a request

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 165
A technician has been tasked with developing a list of hardware for an upcoming project. Which of the following sources will BEST provide technical information to help ensure a successful completion?

A. Hardware compatibility list
B. Blogs from various sources on hardware
C. Reviews in trade magazines
D. Documentation from existing system hardware
Real 132
CompTIA SK0-003 Exam

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 166
Which of the following processors are supported by LGA 1155 sockets? (Select TWO).

A. i3-500 series
B. i7-800 series
C. i5-2400 series
D. Pentium 6000 series
E. Xeon E3 series

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 167
Which of the following is a characteristic of software disk mirroring?

A. It will slow down writes but speed up reads.
B. It will slow down reads but speed up writes.
C. It can be extended to increase size.
D. It requires two disk controllers.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 168
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
   Real 133
   CompTIA SK0-003 Exam

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 169
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:
Explanation:

QUESTION 170
When troubleshooting a problem on a server, which of the following is the industry best practice?

A. Reseat all components
B. Replace the memory and CPU
C. Test each component one at a time
D. Reinstall TCP/IP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 171
Security patches that were issued to address a security flaw in the database server software have failed to install. All other OS security patches applied successfully. Which of the following is the MOST likely cause of the failure?

A. Database patches typically require a reinstall of the database server software.
B. The server was unavailable during the patch window.
C. The OS patches and database patches cannot be deployed together.
D. The account used does not have permission to patch the database software.
   Real 134
   CompTIA SK0-003 Exam

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 172
Which of the following protocols define the rules and processes used to transmit and receive block storage applications over TCP/IP?

A. iSCSI
B. VoIP
C. Distributed Applications over IP
D. HTTPS

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
answer is modified.

QUESTION 173
Which of the following is the BEST to use when securing fiber cables and preventing damage?

A. Zip ties
B. Twist ties
C. Black electrical tape
D. Velcro cable straps

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 174
An administrator has been instructed to add four additional drives to a server configured with RAID
5. The server is using 146GB drives for the data. Without changing the configuration, how much additional data space would be available if the administrator purchased 300GB drives and added them to the existing array?

A. 438GB
B. 584GB
C. 900GB

D. 1200GB

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 175
Which of the following describes the difference between SATA and PATA?

A. SATA operates on a single channel.
B. PATA devices have three channels.
C. PATA devices have their own channel whereas SATA does not.
D. SATA devices have their own channel whereas PATA does not.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 176
When troubleshooting a problem on a server, which of the following is the industry best practice?

A. Reseat all components
B. Replace the memory and CPU
C. Test each component one at a time
D. Reinstall TCP/IP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 177
An administrator is required to maintain space for 750GB of user data. Which of the following is the BEST option available to the administrator?

A. Create a RAID 5 array using five 200GB disks.
B. Create a JBOD using four 200GB disks.
C. Create a RAID 1 array using six 200GB disks.
D. Create a RAID 5 array using three 200GB disks.
   Real 136
   CompTIA SK0-003 Exam

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 178
Users can only access external websites. Which of the following is the MOST likely cause of this problem?

A. The incorrect gateway address is being provided to the workstation.
B. DHCP is not providing workstations with the proper subnet mask.
C. The DNS cache was cleared.
D. The internal zone was deleted.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 179
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:
Explanation:

QUESTION 180
Which of the following is the MOST critical environmental consideration when determining the location of a server?

A. Ease of physical access

B. Cable management

C. Height from the floor

D. Temperature of the room
   Real 137
   CompTIA SK0-003 Exam

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 181
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:
Explanation:

QUESTION 182
Which of the following storage technologies connects by TCP/IP and is separate from the company's LAN?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 183
Users report slow performance when saving files on a server with a RAID 5 array, but not when reading files from that server. Which of the following is the MOST likely cause?

A. Mismatched drives
B. Bad sectors
C. Cache battery failure
   Real 138
   CompTIA SK0-003 Exam
D. Disk drive failure

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 184
A new server is brought online and receives a dynamic IP address. The administrator can ping other servers on the same subnet but not other subnets. Which of

the following is the MOST likely cause of the problem?

A. The WINS server cannot resolve the gateway.
B. The DHCP server's scope settings are incorrect.
C. The ISP is preventing the administrator from adding a new IP address.
D. The DNS server is not resolving the name space properly.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 185
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:
Explanation:

QUESTION 186
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?

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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:
Explanation:

QUESTION 187
An administrator has figured out a possible cause to a problem. Which of the following is the NEXT step the administrator should take?

A. Implement the solution.
B. Verify full system functionality.
C. Establish a plan of action to identify the problem.
D. Test the theory.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 188
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 server's switch port
D. Ethernet cable

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 189
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:
Explanation:

QUESTION 190
An administrator is looking to reduce space on the email server by setting up rules that only allow email messages to be stored for one year and then they will be purged. Which of the following must the administrator do FIRST prior to implementing this change?

A. Setup quotas on all home folders for 100MB of storage.
B. Setup quotas on all mailboxes for 100MB of storage.
C. Check for regulatory compliance issues with this change.
D. Circulate a new email policy out to employees.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 191
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:
Explanation:

QUESTION 192
Which of the following assists with airflow in a server? (Select TWO).

Real 141
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A. Riser cards
B. Water cooling
C. Shroud
D. Baffle
E. Heat sinks

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 193
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:
Explanation:

QUESTION 194
Which of the following would MOST likely connect to an external SATA hard drive?

A. PATA
B. SCSI
C. USB
D. IDE

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 195
Which of the following protocols would MOST likely be used in the establishment of an IPSec VPN tunnel?

Real 142
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A. AES
B. TKIP
C. 802.1q
D. ISAKMP

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 196
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:
Explanation:

QUESTION 197
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:
Explanation:

QUESTION 198
Which of the following Windows Server 2003 technologies can help with making backups of open files?

Real 143
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A. Differential backup

B. Snapshot

C. VSS

D. Incremental backup

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 199
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:
Explanation:

QUESTION 200
Which of the following is the MOST important factor when determining where to store company backups?

A. Offsite storage cost

B. Backup rotation

C. Onsite storage cost

D. Backup security

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 201
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?

Real 144
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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:
Explanation:

QUESTION 202
Which of the following memory features will allow a server to correct up to 4-bit memory errors?

A. ECC

B. Registered

C. Chipkill

D. Parity

Correct Answer: C

QUESTION 203
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

Explanation/Reference:
Explanation:

QUESTION 204
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?

Real 145
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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:
Explanation:

QUESTION 205
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:
Explanation:

QUESTION 206
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:
Explanation:

QUESTION 207
Which of the following is a way to protect server operating systems from a short term contractor?

Real 146
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A. Biometric devices

B. Limited logon hours
C. Mantraps
D. Rack doors

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 208
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:
Explanation:

QUESTION 209
A user is unable to open a shared folder on a server and is receiving an access denied message. The system administrator verifies that the user has been granted read NTFS permissions on the folder. Which of the following should the administrator do to resolve the issue?

A. Set the NTFS write permissions on the folder.
B. Ensure that the folder's permissions are inherited.
C. Change the share permissions on the folder.
D. Block inheritance on the folder's permissions.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 210
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

Real 147
CompTIA SK0-003 Exam
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 211
Which of the following describes when a newly built network server would MOST likely become infected by malware?

A. After a hot fix has been applied

B. Before joining an active directory domain

C. After the TCP/IP stack is enabled

D. After the WMI service is started

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 212
A server administrator is checking connectivity on a mail server which appears to be working correctly. Testing by the administrator has shown that ping requests

from the server are failing even though mail is still working. Which of the following is the MOST likely cause of the failed ping requests?

A. The TCP/IP stack on the server is corrupted.
B. The VLAN has been improperly configured.
C. One of the teamed NICs has failed on the server.
D. Echo or echo reply is blocked by the firewall.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 213
Which of the following RAID levels could be selected with three drives?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 214
Which of the following would allow a server technician access to the console of a server from the technician's desktop to change the boot order in the BIOS? (Select TWO).

A. Remote management card
B. Remote desktop
C. IP KVM
D. VNC
E. Telnet

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 215
Which of the following provides the BEST security?

A. NTFS permissions
B. Encryption
C. Strong passwords
D. Share permissions

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is modified.

QUESTION 216
A server administrator decides to install anti-malware software to prevent outside attacks. Which of the following threats are being prevented?

A. Software virus
B. IPSec
C. DDoS
D. Network flooding

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 217

A KVM "Crash Cart" is used to do which of the following?

A. Load a server into a rack to keep it from crashing.
B. Provide emergency power.
C. Directly manage a server.
D. Remotely manage a server.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 218
After connecting a server to a SAN, the server administrator cannot see any new disks presented in disk management. There are no error lights on the front of the server. Which of the following should the server administrator do NEXT?

A. Reboot the SAN.
B. Check for error lights on the SAN.
C. Check for lights on the HBA.
D. Reboot the server.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 219
A WORM drive is BEST used for:

A. Archival purposes.
B. DSRM retention.
C. Detecting phishing scams.
D. GFS backup rotation.

Correct Answer: A

QUESTION 220
Which of the following is the FIRST step in troubleshooting?

A. Test the theory.
B. Determine the scope.
C. Perform a root cause analysis.
D. Escalate the problem.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 221
A technician has been asked to install a printer with a DB-25 port to a print server. Unfortunately, the only available ports on the server are USB. Which of the following expansion cards should be installed in the server to allow the printer to be installed?

A. Parallel port card
B. Video card
C. Serial ATA card
D. IEEE 1394 card

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 222
A technician is considering upgrading a server to the latest version of the OS, but notices the tape drive is not on the latest version of the operating system's HCL.

Which of the following should the technician do about this issue?

A. The technician should contact the OS manufacturer.
B. After the upgrade the technician should download and install the latest driver for the tape drive.
C. The technician should not upgrade the OS.
D. The technician should contact the OEM.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 223
A technician is asked to install a tape drive supporting tapes that will hold up to 400GB of data on each tape. Which of the following tape drives should the technician install?

A. DDS-4
B. SDLT 600
C. DAT72
D. LTO-3

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 224
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:
corrected.

QUESTION 225
A server administrator has been asked to build an array for a low performance application. The array must support hot-swaps and automatic rebuilds with minimal performance degradation during array rebuilds. The administrator only has three disks and a single high performance controller. Which of the following is the BEST RAID solution for the administrator?

A. Striping with no parity
B. Independent disks with dual parity
C. Bit-level striping with parity
D. Striping with mirroring

Correct Answer: C
Section: (none)
Explanation
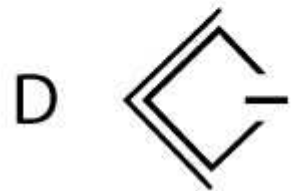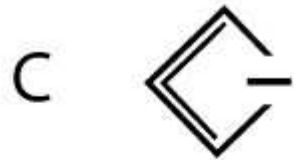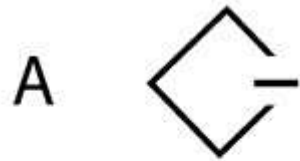
Explanation/Reference:
Explanation:

QUESTION 226
Refer to the Exhibit.

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A

B

C

D

Which of the following will identify the symbol used on Single-Ended SCSI devices?

A. A
B. B
C. C
D. D

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 227
Real 154
CompTIA SK0-003 Exam
An administrator does not have console access to a Linux Server. Which of the following steps could the administrator perform to reboot the system remotely?

A. Execute the reboot command remotely
B. Execute the shutdown command remotely with the reboot switch
C. SSH into the system, and then run shutdown -h as root
D. SSH into the system, and then run reboot as root

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Real 155

QUESTION 228
A technician would like to ensure that when users connect to a web server in a server farm, they connect to the server with the lowest CPU utilization. Which of the following technologies would accomplish this?

A. Load balancing
B. High availability
C. Virtual machine
D. Reverse proxy

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 229
Changing the boot order of devices can be configured from which of the following?

A. DIP switches
B. BIOS
C. Chipset
D. Control Panel

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 230
Which of the following is an advantage of using non-ECC memory over ECC memory?

A. ECC is faster than non-ECC
B. Non-ECC is faster than ECC
C. Non-ECC is more expensive than ECC
D. Non-ECC checks for memory errors

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
corrected.

QUESTION 231
Before installing a new device, a technician checks to make sure the device is on the HCL. Which of the following is the advantage of having an HCL device?

A. It is supported by other vendors
B. Increases performance
C. Decreases cost
D. Meets vendor standards

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 232
When building a computer with a 32 bit processor, which of the following is the MAXIMUM amount of memory supported?

A. 1GB
B. 2GB
C. 4GB
D. 8GB

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 233
A technician has installed an additional NIC on a server. Which of the following can now be setup?

A. Teaming
B. VLANs
C. Port forwarding
D. Full duplex

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
.

QUESTION 234

A technician is setting up a network and wants to automatically assign IP addresses. Which of the following will need to be configured to automatically assign IP addresses?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 235
A technician is building a Windows 2008 server and has installed a motherboard, processor, and power supply. Which of the following optical drives should the technician install?

A. Flash Drive
B. DVD-RW
C. CD-ROM
D. SSD

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 236
Typically, warranty information can be found on a vendor's website by looking up which of the following?

A. Original hardware configuration
B. Service manual
C. Service tag
D. Model number

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
answer is super valid

QUESTION 237
When purchasing a UPS for a server room, which of the following are important factors to consider? (Select TWO).

A. Network card configuration
B. Remote access procedures
C. Estimated runtime
D. Maximum load
E. Power cord length

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 238
A new server must be configured to provide fault tolerant connectivity to the DMZ and the backend database. Which of the following is the MOST cost effective way to accomplish this?

A. A total of six NICs: two pairs of teamed NICs for the DMZ and two NICs for the backend database.
B. One NIC can be configured with VLANs for the DMZ and backend database.
C. A total of eight NICs to be teamed with the appropriate VLANs configured for the DMZ and backend database.
D. A total of four NICs: two NICs for the DMZ and two NICs for the backend database.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 239
Which of the following is TRUE about a caching name server? (Select TWO).

A. They must have a trusted SSL certificate
B. They can be authoritative
C. They cannot be load-balanced
D. They can be recursive
   Real 5
   CompTIA SK0-003 Exam
E. They require DHCP

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 240
A technician needs to deploy a new Internet facing web server and internal database server. The web server will use the database backend to retrieve shopping cart information. Which of the following configuration utilizes the LEAST resources?

A. Both servers will be virtualized on the same host server. The web server will be configured with an Internet facing NIC connected to the host's hardware NIC and a backend NIC connected to a virtual switch. The database server NIC will be connected to the same virtual switch.
B. The database server will be created on the existing virtual farm and configured with one physical NIC. The web server will be installed on new hardware and will utilize two physical NICs to separate backend traffic from frontend Internet communication.
C. The web server will be created on the existing virtual farm and configured with two physical NICs, one NIC for backend and one for backend communication. The database server will be installed on new hardware to ensure maximum performance.
D. Both servers will be virtualized on a pair of redundant host servers. Both the web server and the database server will share the same hardware resources. The web server will be configured with one NIC for both frontend and backend communication and the databases server will also have one NIC.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 241

A technician has fixed a reported issue with a heavily used software program and users have verified that the program is working correctly. Which of the following should the technician do NEXT?

A. Document the process and update the baseline.
B. Test the theory of probable cause and verify with the software vendor.
C. Establish a plan of action to be included in the business impact analysis.
D. Implement the software manufacturer workaround.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

Real 6
CompTIA SK0-003 Exam

QUESTION 242
After installing a new hard drive into a server for the purpose of mirroring the data from the first drive to the second one, the server displays an "operating system not found" error. Which of the following should the technician do to boot the server from the original drive?

A. Replace the second drive with a hot swappable one.
B. Swap the drive boot order in the BIOS.
C. Make the second disk active under the disk management tool.
D. Rebuild the array using the hardware RAID tool at boot.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 243
Which of the following MUST be done when imaging a Windows Server that will be used as a template?

A. Remove software
B. Run Windows Updates

C. Update drivers

D. Sysprep

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 244
A technician works for a company that has recently been affected by a virus. The virus entered the network by using port 6000. Port 6000 is used by an application located on a server. The technician has been asked to block this port on all servers and computers except for the one server which uses this port. Which of the following should the technician do?

A. Update the antivirus application

B. Install critical update security patches

C. Adjust the software firewall settings
   Real 7
   CompTIA SK0-003 Exam

D. Replace the current antivirus program

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 245
A technician manages a server that contains sensitive data. The server currently has two hard drives, one hosting the operating system and other generic files and the second hosting sensitive data. The technician needs to implement a technology that would guard against data loss for only the sensitive data, while adding only one additional hard drive. Which of the following should the technician implement to avoid reformatting any drives?

A. RAID 0

B. RAID 1

C. RAID 3

D. RAID 5

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 246
When planning for redundant power sources in a server deployment, which of the following should be purchased? (Select TWO).

A. RAID controllers
B. Multiple UPSs
C. Redundant cooling
D. Dual NICs
E. Redundant power supplies

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 247
Which of the following is an advantage of RAID 0?

Real 8
CompTIA SK0-003 Exam

A. Mirrors data
B. Redundancy
C. Speed
D. Automatic hot spare

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 248
A technician is installing a server with sixteen 1 TB drives. They want the benefit of both speed and redundancy. Which of the following RAID configurations should be used?

A. RAID 0
B. RAID 1
C. RAID 3
D. RAID 50

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 249
Which of the following types of UPS would be used with equipment that is very sensitive to power fluctuations?

A. Offline / Standby
B. Line interactive
C. Rackmount
D. Online / Double Conversion

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 250
When a technician left the server room Monday evening everything was operational. When the technician returned Tuesday morning, the front bezel was off of the mail server, and it had been powered off. Which of the following should be checked FIRST?

Real 9
CompTIA SK0-003 Exam

A. TCP/IP settings
B. RAID configuration
C. Whether the power cord is attached
D. Server room access log

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 251
Which of the following server roles allows a server to translate fully qualified domain names into IP addresses?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 252
A technician has just finished installing a new server into a server rack. Which of the following should the technician do NEXT to complete the installation documentation?

A. Update drivers, update operating system (e.g. Windows Update), create server baseline, create a new network diagram, update change management procedures
B. Create server baseline, label server, store vendor-specific documentation, update network diagrams, update asset tracking information
C. Create server baseline, assign server roles, install tape drive, delete network diagram, label server, update operating system (e.g. Windows Update)
D. Install applications on server, install external drives, toss vendor-specific documentation, update network diagrams

Correct Answer: B
Section: (none)

Explanation

Explanation/Reference:

QUESTION 253
A small business has had unauthorized people enter their server room and damage their servers. Which of the following locks for the door would BEST prevent unauthorized people from accessing the server room?

A. Biometric
B. Keypad
C. Barcode
D. Key lock

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 254
A technician is troubleshooting a lack of Internet connectivity affecting their entire office. The technician suspects the issue is with their Internet Service Provider failing to provide service. Which of the following command line tools should the technician use to BEST test this theory?

A. tracert
B. ipconfig
C. netstat
D. nslookup

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 255
An administrator needs to install a 2U server into a rack. Which of the following shows how much space, in height, needs to be available for the server to fit in the rack?

A. 1.75 inches (4.45 cm)
B. 2.5 inches (6.35 cm)
C. 3.5 inches (8.89 cm)
D. 4.25 inches (10.8 cm)

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 256
A customer has purchased a triple channel memory kit containing three DDR3 RAM modules. The server the RAM is intended for only has a dual channel capable motherboard. Which of the following is the BEST action to perform?

A. Install only two modules as the RAM has to be installed in pairs
B. Purchase one additional RAM module to make it even. Three modules will function as triple channel and the additional module will be for parity
C. Purchase dual channel memory. The triple channel memory may be incompatible with the server motherboard
D. Install the RAM. Two modules will perform as dual channel and one as single channel

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 257
Which of the following processor technologies is typically supported on current enterprise class UNIX servers but not enterprise class Windows Servers?

A. RISC
B. CISC
C. Multi-threading
D. 64-bit

Correct Answer: A

QUESTION 258
An administrator needs to connect servers to the Fiber Channel SAN. Which of the following should the administrator install in the servers to allow this connection?

A. Riser
B. HBA
C. SCSI card
   Real 12
   CompTIA SK0-003 Exam
D. SAS card

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 259
An administrator creates a new directory then shares it on the Windows server. The administrator sets the permissions for everyone to "Modify" but users report they are unable to create or delete documents. Which of the following is the cause?

A. The administrator forgot to change the share permissions
B. The users were not part of the "Everyone" built in group
C. The administrator shared the files but not the folder
D. "Modify" only allows users to change existing documents

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 260
An administrator needs a network that can support up to 800 hosts on the same subnet. Which of the following is the MINIMUM subnet mask that should be used?

A. 255.0.0.0
B. 255.255.0.0
C. 255.255.252.0
D. 255.255.255.0

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 261
In a system with high CPU utilization, which of the following will help the MOST to minimize the performance impact of parity overhead in RAID 5?

A. Use all SAS Drives
   Real 13
   CompTIA SK0-003 Exam
B. Triple Channel RAM
C. Use all Solid State Drives
D. Hardware RAID Controller

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 262
An administrator has removed a SATA hard drive from a failed server. Which of the following adapters would MOST likely be used by the administrator to transfer files from the drive to a laptop?

A. SATA to SCSI
B. SATA to HBA
C. SATA to USB

D. SATA to SAS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 263
Which of the following can transmit block level storage over Ethernet?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 264
Which of the following uses a switching fabric to connect storage LUNs to hosts?

A. Fiber Channel
   Real 14
   CompTIA SK0-003 Exam
B. SCSI
C. SATA
D. Ethernet

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 265
An administrator has experienced minor electrical shocks when touching metal surfaces in the datacenter. Which of the following is the MOST likely cause?

A. The UPS is using 220-240V rather than 110-120V
B. The humidity is too low
C. The temperature is too low
D. The datacenter is experiencing EMI

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 266
An administrator has encountered an error while patching a virtualized guest machine. Which of the following technologies would allow the administrator to restore to a pre-patched state the FASTEST?

A. Cloning
B. Bare Metal Restore
C. OS Restore
D. Snapshot

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 267
A datacenter manager would like to ensure that all fire suppression in the datacenter is safe for the equipment in the room. Which of the following classifications should be listed on the fire suppression system?

Real 15
CompTIA SK0-003 Exam

A. A
B. B
C. C
D. D

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 268
A server administrator implements a solution that should fix an issue. Which of the following should the administrator do NEXT in the troubleshooting process?

A. Notify users impacted by the problem
B. Verify full system functionality
C. Document the actions and outcomes
D. Identify the scope of the problem

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 269
An administrator is troubleshooting a power supply that is believed to have failed. Which of the following tools will BEST help test the power supply?

A. ESD Equipment
B. Multimeter
C. POST Card
D. Toner Probe

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 270
An administrator is testing setting the IP address on a Linux server from command line. Which of the following commands is used to set the default gateway for the server?

Real 16
CompTIA SK0-003 Exam

A. route
B. traceroute
C. ipconfig
D. nmap

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 271
A staff member reports that they cannot access the shared folder on the network; however, other staff members are reporting that they can access the shared folder. Which of the following is the BEST way to identify the problem?

A. The administrator should monitor all traffic between the staff member and the server.
B. The administrator should reconfigure the RAID configuration to allow more space.
C. The administrator should map a drive using the net use command.
D. The administrator should allow the staff member to use a USB drive.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 272

An administrator needs to maintain 1TB of storage for mission critical application data. Fault

tolerance and performance are the most important considerations. Cost is not a factor at all. Which of the following RAID configurations would be the BEST choice to meet the criteria for the storage array?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 273
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:
Explanation:

QUESTION 274
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:
Explanation:

QUESTION 275
Real 59
CompTIA SK0-003 Exam
Which of the following is the MOST likely to cause a server power supply fan to fail but allows the power supply to still be functional?

A. Dust

B. Power Surge

C. Excessive humidity

D. High temperatures

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 276
A server has lost communication to its drives located on a fiber channel SAN. An administrator notices that the indicator lights on both the HBA and the SAN switch are not lit. Which of the following are the MOST likely causes of the problem? (Select THREE).

A. Failed HBA

B. Failed switch port

C. Faulty fiber cable

D. Faulty driver

E. Failed hard drives

F. Faulty configuration

Correct Answer: ABC

QUESTION 277
A Windows server has rebooted by itself several times. There are several functioning non- Windows servers in the same rack that are connected to the same uninterruptible power supply (UPS). Which of the following is the MOST likely cause of the reboots?

A. The UPS is malfunctioning.
B. The user traffic to the server is too high.
C. A BSOD is occurring.
D. The non-Windows servers cannot be located on the same UPS as the Windows server.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 278
A server has had a drive fail in its storage RAID set. The administrator swaps the drive with a replacement and the RAID set does not automatically start to rebuild the replaced drive. Which of the following utilities would MOST likely be used to initialize the rebuilding of the replacement drive?

A. Net use
B. Array management
C. Fdisk
D. Disk Management Plug-in

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 279

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:
Explanation:

QUESTION 280
The staff is not able to access a database server. The server has an 'Operating System not found' error and is set to boot from a fiber channel SAN. All other database servers are set to boot from the SAN and access the same switch and data as this database server. Which of the following is the MOST likely cause of the problem?

A. The SAN is offline
B. Fiber channel switch
    Real 61
    CompTIA SK0-003 Exam
C. Multiple failed drives in the SAN
D. HBA

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 281
After a critical service failure occurs the server keeps rebooting every fifteen minutes not giving an administrator enough time to troubleshoot the failure. Which of the following does the administrator need to do to allow enough time to work on the system to troubleshoot the problem?

A. Modify boot.ini file

B. Disable automatic reboot on service
C. Press F6 at boot up
D. Clear cache

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 282
After a server inspection, an administrator notices a single drive failure on a server configured with RAID 5. Which of the following is the NEXT step to start rebuilding the array?

A. Reestablish the mirror array.
B. Perform online volume expansion.
C. Insert hot plug drive.
D. Move data to another volume.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 283
A high availability solution must be designed for a single file server. Data must be replicated between the disks to ensure a failure of one disk does not bring down the server. Which of the following meets these requirements?

Real 62
CompTIA SK0-003 Exam

A. RAID 1
B. RAID 0
C. Active/passive cluster
D. Disk-to-disk

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 284
Which of the following archiving methods only backs up data that has changed since the previous backup?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 285
A failure of the primary data center has occurred. A warm site is available for use. Which of the following should be done FIRST to bring the critical applications online?

A. Run cabling and power to the warm site.
B. Restore data to the equipment.
C. Transfer all data tapes over to the warm site.
D. Restore least critical applications online to test to make sure the site is functioning.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 286

An SNMP alert has been generated by a server in the main data center. The alert stated that the internal temperature of the server has exceeded the threshold. No other servers in the rack have experienced problems, and no other alerts have come from that server about any other events.

Which of the following is the cause of this issue?

A. Rack cooling equipment failure

B. Dust collection in the server

C. Server processor failure

D. Server power supply failure

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 287
A company has recently switched ISPs and is being assigned a new block of public addresses. The public web and FTP servers must be re-addressed to support this change. After changing IP addresses and updating the DNS records many customers have reported that they are not able to access the web or FTP servers. Which of the following could have been done prior to making these changes to make it more transparent to users?

A. Reduce the TTL on the DHCP records.

B. Configure a primary DNS server for the PTR records.

C. Reduce the TTL on the DNS records.

D. Configure a caching only DNS server.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 288
A disk drive failed in a RAID 5 array. After replacing the disk drive, users are still reporting that access to the server is very slow. Which of the following BEST explains the problem?

A. The array is rebuilding.

B. The array must be reconfigured.

C. The array is corrupt.

D. The disk drive is not compatible.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 289
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:
Explanation:

QUESTION 290
Which of the following is the minimum number of drives in an RAID 10 configuration?

A. 2

B. 3

C. 4

D. 6

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
answer is corrected.

QUESTION 291
An administrator has a rack server that is 3.5 inches (8.9 cm) tall. Which of the following is the correct U size for this server?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 292
Real 65
CompTIA SK0-003 Exam
An administrator has a rack server that is 1.75 inches (4.4 cm) tall. Which of the following is the correct U size for this server?

A. One
B. Two

C. Three

D. Five

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 293
A client has a need to look at and add many image files but has no need to change them. Which of the following media types would BEST meet the client's needs?

A. CD-RW

B. Disk

C. Flash

D. WORM

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 294
An administrator just installed a new RAID controller card into a server. The firmware is current for the controller card. When the server is powered up the administrator notices that the RAID controller card is not recognized during POST. Which of the following is the cause of the problem?

A. The hard drives were not plugged into the server correctly.

B. The controller driver is outdated and needs to be updated from the OEMs website.

C. The firmware for the server is too old and does not support the new RAID controller card.

D. The cable from the controller to the hard drive backplane is not connected.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 295
An administrator is building a server that will run a data warehousing application. The server was ordered with eight 300GB drives. The application requires a dedicated storage location for the OS and one for critical files. The critical file storage needs fast access but must provide high redundancy. The OS requires 100GB and the file requires 950GB. Which of the following configurations will BEST suit the data warehouse needs?

A. OS: 3 Drives, RAID 1 with hot spare
   Files: 5 Drives, RAID 5 with hot spare

B. OS: 2 Drives, RAID 1
   Files: 6 Drives, RAID 1

C. OS: 2 Drives, RAID 0
   Files: 6 Drives, RAID 5

D. OS: 2 Drives, RAID 1
   Files: 6 Drives, RAID 5 with hot spare

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 296
An administrator has set up a company's intranet server. Users should be able to access it but no users are able to. The administrator verifies that the website is accessible by IP address. Which of the following should the administrator look at FIRST to resolve the issue?

A. WINS server

B. DNS server

C. Lmhosts file

D. DHCP cache

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 297

A user requests access to a new file share. The administrator adds the user to the group with the appropriate access. The user is still unable to access the share. Which of the following actions should the administrator do to resolve the permissions issue?

A. Request the user to logoff and log back on.
   Real 67
   CompTIA SK0-003 Exam
B. Add the user as an administrator on their local machine.
C. Add the user as an administrator on the server.
D. Run an ipconfig /renew on the user's machine.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 298
An administrator is investigating an incident where an unauthorized user gained access to a server and modified HR files. The administrator has a tested theory as to how the user accomplished this. Which of the following actions should the administrator take NEXT?

A. Perform a root cause analysis.
B. Implement a change to the servers.
C. Establish a plan of action to resolve the issue.
D. Question users prior to implementing the solution.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 299
An administrator is creating a business continuity plan. Which of the following would be done FIRST in order to develop this plan?

A. Setup replication on all SANs
B. Classify systems
C. Locate an offsite facility for failover

D. Create an architecture plan for all systems

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 300
Due to slow backup response, an administrator installed a new driver for the SCSI card. After a server reboot the device is not working properly. Which of the following is the BEST course of action?

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A. Reboot the server and restore files using ASR.
B. In Device Manager, locate the device, and click Roll Back Driver at the driver tab.
C. Restore the driver from the previous backup tape.
D. Go to Device Manager, locate the device, and click Restore Previous Driver at the driver tab.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 301
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:
Explanation:

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