

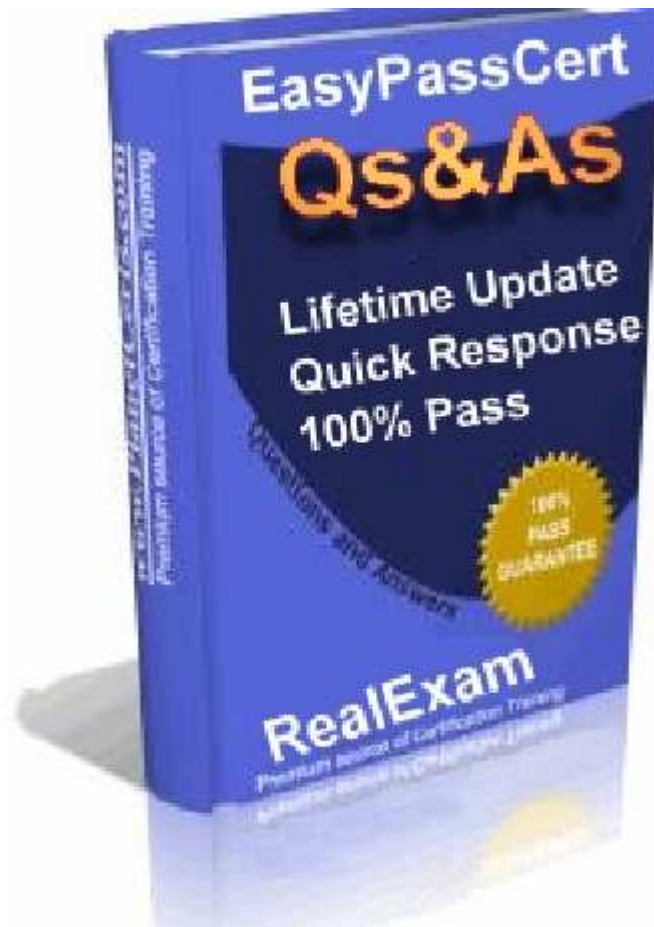
## Real Exam

Passing Score: 800

Time Limit: 120 min



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**Exam:SK0-003**

**Title : CompTIA Server+**



## **Exam A**

### **QUESTION 1**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### **QUESTION 2**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### **QUESTION 3**

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

- A. Make one change at a time and test/confirm the change has resolved the problem.
- B. Verify full system functionality.
- C. Replicate the problem.
- D. Determine if a common element is causing multiple problems.
- E. Identify any changes to the server.

**Correct Answer:** CE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### **QUESTION 4**

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

- A. DNS
- B. DHCP
- C. WINS

D. FTP

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 5**

NO: 5

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 6**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 7**

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



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- A. RAID 1 +0
- B. RAID 5

- C. RAID 0
- D. RAID 1

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 8**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

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

- A. Third-party vendor
- B. BIOS manufacture website
- C. Operating system manufacture website
- D. Server's manufacture website

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 10**

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

- A. Wide-Ultra2 SCSI-3
- B. High-Voltage Differential
- C. Low-Voltage Differential
- D. Fibre Channel

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 11**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 12**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 13**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 14**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 15**

Which of the following is an advantage of SMP?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 16**

An administrator is upgrading memory on the server. Once the server is turned back on, the administrator notices that the memory has not changed. The system board website says the board should accept the new amount of memory. Which of the following should the administrator do FIRST?

- A. Replace memory chips with known good memory chips.
- B. Reseat the memory chips.
- C. Update the BIOS.
- D. Upgrade the server OS

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 17**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

One disk is used for parity.  
Five disks are used for data.

5 x 72 GB equals 360 GB of data.

#### **QUESTION 18**

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: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 19**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 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:**

#### **QUESTION 21**

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



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

**Correct Answer:** AE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 22**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 23**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 24**

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

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

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 25**

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

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

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 26**

Which of the following BEST describes a benefit of RAID 0?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 27**

NO: 27

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 28**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 29**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 30**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 31**

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

- A. the SCSI adapter.
- B. each device.
- C. the first device.
- D. the last device.

E. the server's parallel port.

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 32**

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

- A. Verify full system functionality.
- B. Implement the change.
- C. Test the theory to determine the cause.
- D. Root cause analysis.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 33**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 34**

Which of the following tools restricts device installation?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 35**

Which of the following would allow an administrator to incorporate a new Windows service pack into an

installation when the media does not include the service pack?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 36**

An administrator needs to implement a security patch policy on the network that adheres to an internal SLA. Which of the following actions BEST achieves this task?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 37**

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

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

**Correct Answer:** ADE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 38**

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

- A. Press F6

- B. Press ESC
- C. Press any key
- D. Press Alt+F8

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 39**

Which of the following would be an advantage to using a blade server as opposed to a rack mount server?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 40**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 41**

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

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

**Correct Answer:** C

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

#### **QUESTION 42**

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

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

**Correct Answer: C**

**Section: (none)**

## **Explanation**

### **Explanation/Reference:**

#### **QUESTION 43**

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

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

**Correct Answer: D**

**Section: (none)**

## **Explanation**

### **Explanation/Reference:**

#### **QUESTION 44**

An administrator has just installed a web server for the company's Internet site. After bringing the system online, customers notify the administrator that they cannot connect to the server. The administrator tests the web server from a workstation and can access the website. The customers continue to report issues. Which of the following is the MOST likely reason for this?

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

**Correct Answer: D**

**Section: (none)**

## **Explanation**

### **Explanation/Reference:**

#### **QUESTION 45**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 46**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 47**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 48**

A new storage array must be configured for a database server. This array will store transaction logs that are always being written. Which of the following RAID solutions would provide fault tolerance and fast write operations without the use of parity?

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

**Correct Answer:** D



**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 49**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 50**

A workstation is added to a newly created subnet using 192.168.100.0/24. A DHCP server is available on subnet 192.168.101.0/24. The user is unable to lease an address from the DHCP server. Which of the following would BEST resolve the problem?

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 51**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 52**

An administrator attempts to install the latest security patches for an older server. When the administrator runs

the patch installer, the install fails. The administrator tries again, and the installer fails again. Which of the following is the MOST likely reason for this?

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 53**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 54**

SMP is considered to be a form of:

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 55**

Which of the following is a benefit of application virtualization?

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

**Correct Answer: D**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

#### **QUESTION 56**

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

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

**Correct Answer: D**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

#### **QUESTION 57**

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

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

**Correct Answer: D**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

#### **QUESTION 58**

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

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

**Correct Answer: CD**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

#### **QUESTION 59**

Which of the following BEST describes a DAS?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 60**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 61**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 62**

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:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 63**

ON NO: 63

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 64**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 65**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 66**

Which switch should be used with the ipconfig command if an administrator wants to test the functionality of a DHCP server?

- A. /renew
- B. /flushdns

- C. /release
- D. /all

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 67**

Memory utilization by the print spooler process is constantly climbing after users begin to print to a certain type of printer. Which of the following is the MOST likely cause of the problem?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 68**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 69**

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

- A. Examine the lmhosts file.
- B. Flush the cache on the DNS server.
- C. Flush the cache on the WINS server.
- D. Examine the hosts file

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 70**

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

- A. 1 - 7
- B. 1 - 16
- C. 0 - 7
- D. 0 - 15

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 71**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 72**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 73**

Which of the following memory types has the FASTEST speed?

- A. SODIMM
- B. SDRAM

- C. DDR3
- D. DDR2

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 74**

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

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

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 75**

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

- A. .exe
- B. .Ini
- C. .msi
- D. .dll

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 76**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**



**Explanation/Reference:**

**QUESTION 77**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 78**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 79**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 80**

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

- A. The supporting documentation

- B. The vendor website
- C. The Internet
- D. The server event logs

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 81**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 82**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 83**

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

- A. The server's memory
- B. The server's RAID controller battery
- C. The server's processor
- D. The server's NIC teaming configuration

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 84**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 85**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 86**

When cabling a rack, which of the following is BEST practice?

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 87**

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

- A. NTP

- B. DHCP
- C. DNS
- D. SNMP

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 88**

Which of the following BEST describes a virtualized server environment?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 89**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 90**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 91**

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

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 92**

How many wire pairs are in a standard CAT6 cable?

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 93**

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

- A. Update the time and date in the BIOS.
- B. Update the firmware on the SCSI controller.
- C. Update the firmware to the latest version.
- D. Configure IPMI on the new board.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 94**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 95**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 96**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 97**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 98**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 99**

While troubleshooting a video problem on an application server, the system administrator has determined that the video firmware should be updated. Which of the following sources should be used to locate an appropriate update for this hardware? (Select TWO).

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

**Correct Answer: BC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 100**

An administrator is configuring one server to monitor hardware level information on a second Windows server. Which of the following should be setup on the Windows server to allow the monitoring server to access this information? (Select TWO).

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

**Correct Answer: AD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 101**

Which of the following will corrupt the BIOS?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 102**

An administrator reboots a ten drive server, with a RAID 10 array, after a power failure and receives an error logical drive failed. Which of the following is the MOST likely cause?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 103**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 104**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**



**Explanation/Reference:**

**QUESTION 105**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 106**

A server has been assigned the 192.168.100.127/25 IP address. The server is experiencing strange network connectivity related problems. Which of the following would BEST describe the problem?

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 107**

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

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 108**

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

- A. To display the logical layout this can differ from the physical layout

- B. To enhance a user's understanding of the datacenter layout
- C. To create a physical map of the datacenter to provide to guests
- D. To provide a blueprint for recreating the same server setup for another client

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 109**

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

- A. SATA
- B. iSCSI
- C. SCSI
- D. Fiber channel
- E. PAT A

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 110**

Which of the following can limit cabling mistakes?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 111**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 112**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 113**

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

- A. Loop back plugs
- B. Power supply tester
- C. System logs
- D. TDR

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 114**

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

- A. Third party cables
- B. Third party memory
- C. Signed drivers
- D. Server type

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 115**

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

- A. JBOD

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 116**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 117**

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

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

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 118**

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:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 119**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 120**

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

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

**Correct Answer: CD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 121**

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

- A. RAID 1
- B. RAID 0+1
- C. RAID 6
- D. RAID 10

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 122**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 123**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 124**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 125**

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

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

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 126**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 127**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 128**

Fibre channel requires which of the following elements?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 129**

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

months?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 130**

Which of the following is a disadvantage of RAID 10?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 131**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 132**

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

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

**Correct Answer:** AC

**Section:** (none)



**Explanation**

**Explanation/Reference:**

**QUESTION 133**

N NO: 133

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 134**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 135**

NO: 135

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 136**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 137**

Weekly backups of the system are done on Sundays, and daily backups are done the rest of the week. Which of following backup methods were used if the system crashes on Friday and only requires two backup sets to recover the system?

- A. Incremental and snapshot
- B. Full and differential
- C. Full and incremental
- D. Differential and incremental

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 138**

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:**

**QUESTION 139**

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

- A. Downtime necessary to reinstall the repaired drive
- B. Data security policies and procedures

- C. Potential cooling problems due to the missing drive
- D. Redundant or replacement data backup solutions

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 140**

Which of the following BEST describes RAID 0?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 141**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 142**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 143**

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

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 144**

A system administrator needs to maintain 1.2TB of storage for a database server. There are six 250GB drives available in the server for storage space. Which of the following RAID configurations would be the BEST choice given that performance and fault tolerance are important factors?

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 145**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 146**

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

- A. RAID 0

- B. RAID 1
- C. RAID 5
- D. RAID 10

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 147**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 148**

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

- A. Differential backup
- B. Snapshot
- C. VSS
- D. Incremental backup

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 149**

STION NO: 149

Which of the following defines memory interleaving?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 150**

Which of the following BEST describes RAID 10?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 151**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 152**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 153**

Which of the following will attach to an EIDE connector?

- A. SATA-2

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 154**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 155**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 156**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 157**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 158**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 159**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 160**

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



- A. Set folder permissions to 760.
- B. Set folder permissions to 770.
- C. Set folder permissions to modify
- D. Set folder permissions to full control

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 161**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 162**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 163**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 164**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 165**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 166**

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

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 167**

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

- A. Ultra2 SCSI
- B. SAT A

- C. Ultra320 SCSI
- D. SAS

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 168**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 169**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 170**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 171**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 172**

A NAS differs from a SAN because NAS:

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 173**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 174**

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

- A. Configure netsh settings in case of backup
- B. Restart the server

- C. Notify users
- D. Uninstall TCP/IP

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 175**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 176**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 177**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 178**

Click on the Exhibit button. Which of the following connectors is image D?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 179**

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:**

**QUESTION 180**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 181**

ION NO: 181

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 182**

An administrator is notified that all network printers are not printing. The administrator reviews the server and the print service is started. Which of the following is the cause of the problem?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 183**

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

- A. Convert the filesystem to EXT3.
- B. Convert the filesystem to VMFS.
- C. Convert the filesystem to NTFS.
- D. Convert the filesystem to FAT32

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 184**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 185**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 186**

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

- A. Gateway address
- B. SNA server
- C. Mail server
- D. Web server
- E. Subnet mask

**Correct Answer:** AE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 187**

Which of the following must be configured on printers so that the server can properly monitor details on page counts?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 188**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 189**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 190**

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

- A. Clustering
- B. NIC teaming
- C. OSPF
- D. VLAN tagging

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 191**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 192**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 193**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 194**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 195**

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

storage to both servers?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 196**

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

- A. Verify uninterruptible power supply (UPS) load
- B. Verify if server consumes 220V
- C. Verify CPU load
- D. Verify if server consumes 110V

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 197**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 198**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 199**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 200**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 201**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 202**

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

- A. XD

- B. NX
- C. VT
- D. Hyperthreading

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 203**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 204**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 205**

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

- A. Multiple types of network cards were used.
- B. The environment is outside of the DMZ.
- C. Hardware used is not on the HCL.
- D. Internal hard drives were used for storage instead of external hard drives.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 206**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 207**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 208**

ON NO: 208

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 209**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 210**

An administrator needs to maintain 1TB of storage space for a server. A performance critical application will use this storage space for a database. The database will be replicated between multiple servers. Cost and performance are the most important considerations. Which of the following RAID configurations would be the BEST choice for the storage array?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**



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#### **QUESTION 211**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 212**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 213**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 214**

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:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 215**

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

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



**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 216**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 217**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 218**

An administrator installs a driver, reboots the DC, and logs in to configure the NIC. Once the administrator opens the NIC properties, the server bluescreens and now will no longer boot into Windows. Which of the following is the FIRST thing the administrator should do?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 219**

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

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

**Correct Answer:** BEF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 220**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 221**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 222**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 223**

Which of the following BEST describes RAID 5?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 224**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 225**

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

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

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 226**

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

- A. Higher administrative complexity
- B. Increased level of security
- C. More effective usage of computing resources
- D. Improved performance for users

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 227**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 228**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 229**

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

- A. Continue plugging into the central UPS, but put the UPS on bypass to avoid load problems.

- B. Plug the servers directly into the power that is not on the UPS.
- C. Add stand alone UPSs for new servers not wired off the central UPS.
- D. Continue plugging into the central UPS because the actual load supported is actually higher than stated

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 230**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 231**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 232**

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

- A. RAID 1
- B. SAS
- C. SAT A
- D. JBOD

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 233**

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

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 234**

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: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 235**

Which of the following can be used to manage a server BIOS remotely? (Select TWO)

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 236**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 237**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 238**

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

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

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 239**

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

- A. RAID 3
- B. RAID 5
- C. RAID 6
- D. RAID 10

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 240**

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: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 241**

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: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 242**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 243**

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

- A. Survey users to get their response to the potential server change.
- B. The change should be approved by management.



- C. Switch over to the alternate site so users are not affected.
- D. Implement RAID so the server does not go offline.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 244**

An administrator is adding additional memory into a server that registers 1GB of memory in the OS and notices that the system has 2GB of memory physically installed; however, the server only shows 1GB of memory during POST. Which of the following is the MOST likely reason for this?

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 245**

STION NO: 245

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 246**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 247**

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: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 248**

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

- A. U-size templates
- B. Phase changers
- C. Baffles
- D. Molex connectors

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 249**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 250**

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

- A. RAID

- B. Registered memory
- C. SDRAM
- D. ECC

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 251**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 252**

Which of the following is the LEAST intrusive?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 253**

A server has five hot pluggable SCSI disk drives in a RAID 5 array. The server OS crashed and the server will not boot. The administrator noticed that all of the disk drives have gone offline. Which of the following components would MOST likely have caused the problem?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 254**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 255**

An environment has a DC server and an Exchange server. The administrator needs to install a patch and restart both servers while minimizing downtime. Which of the following is the BEST way to restart the servers?

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 256**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 257**

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

- A. Number of drives X capacity of the smallest drive

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 258**

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

- A. Flash
- B. DLT4 tapes
- C. CD-R
- D. SDLT tapes
- E. WORM

**Correct Answer:** CE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 259**

An administrator is installing Windows Server 2003 via CD on a new server with an SAS RAID array. When the administrator reaches the option to select the target installation drive, there are no drives listed. Which of the following is the FIRST thing the administrator should do?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 260**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 261**

Which of the following is a benefit of RAID 1?

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 262**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 263**

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

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 264**

A server configured with RAID 5 has recently suffered from two simultaneous disk failures. Which of the following would be required to bring the server back to operational status? (Select TWO).

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

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 265**

Which of the following keystrokes allows installation of third party storage drivers during a Windows set-up?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 266**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 267**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 268**

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

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

**Correct Answer:** ABE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 269**

An administrator needs to update the anti-virus, security patches, BIOS, and the web server software on a production system. Which of the following is the BEST method to accomplish this?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 270**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 271**

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



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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 272**

Which of the following BEST describes RAID 1?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 273**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 274**

Which of the following replication methods is MOST fault tolerant?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 275**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 276**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 277**

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

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

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 278**

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

unable to access the server?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 279**

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

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

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 280**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 281**

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

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

**Correct Answer:** B

**Section:** (none)

### **Explanation**

### **Explanation/Reference:**

#### **QUESTION 282**

An administrator setting up software RAID 1 on a Windows Server with two volumes for two separate hard drives, but the option for mirrored is grayed out. Which of the following is the MOST likely reason why this is occurring?

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

**Correct Answer: A**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

#### **QUESTION 283**

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

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

**Correct Answer: B**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

#### **QUESTION 284**

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

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

**Correct Answer: C**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

#### **QUESTION 285**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 286**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 287**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 288**

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

- A. 64-bit version of Windows Server 2008
- B. XD or NX must be enabled
- C. 140GB of free disk space or higher
- D. 2GB of memory or higher
- E. 2GHz processor or higher

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 289**

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

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 290**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 291**

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

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 292**

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

- A. Deploy the service pack to a single department within the corporation.

- B. Upgrade the system with requirements for that service pack.
- C. Deploy the service pack to a non-critical application server.
- D. Submit a change control for the service pack deployment.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 293**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 294**

A server fails to power on. Which of the following is the MOST likely cause of this failure?

- A. Last nights backup is still running
- B. BIOS is set to the wrong boot sequence
- C. Hard drive RAID array failure
- D. Power supply failure

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 295**

The server administrator moves a file server, which uses DHCP to obtain an IP address to a new rack location. A new cable run connects the server back to the original switch port. After the move, the IP address of the server is different from the DHCP scope, and the administrator is unable to ping the default gateway. Which of the following is MOST likely the cause of the problem?

- A. No reserved IP addresses
- B. Incorrectly configured DHCP scope
- C. Faulty network cable run
- D. TCP/IP stack is corrupt

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 296**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 297**

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

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

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 298**

A technician needs to ensure dedicated processing resources for a database. Which of the following should the technician consider?

- A. Hyper-threading
- B. Redundant NICs
- C. Multicore processors
- D. RAID 10

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 299**



Which of the following expansion slots is 64-bit?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 300**

Which of the following would allow a server technician access to the console of a server from the technicians 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:**

#### **QUESTION 301**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 302**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 303**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 304**

Which of the following RAID levels can sustain the loss of a single disk without data loss?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 305**

Which of the following is a benefit of application virtualization?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 306**

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

partition?

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 307**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 308**

An administrator needs the fastest read/write capabilities with the most redundancy, cost is not a factor. The current data requirement is 750GB but will double in the next year. Which of the following BEST meets these requirements?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 309**

Which of the following is an example of a class C IP address?

- A. 128.12.1.1
- B. 192.168.1.100
- C. 10.1.1.1
- D. 172.55.2.1

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 310**

Which of the following statements is true about L1 cache?

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 311**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 312**

Which of the following sites is BEST to use for a company that has minimal requirements for continuous operations and can sustain long gaps in IT operations during a disaster?

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 313**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 314**

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

Which of the following is MOST likely the cause?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 315**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 316**

Which of the following storage technologies is considered a WORM?

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

D. USB drive

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 317**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 318**

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 319**

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

- A. Copy
- B. Full
- C. Snapshot
- D. Incremental
- E. Differential

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 320**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 321**

A server crashed because it ran out of all free available disk space. After booting the server back up it is noticed that enhanced logging was enabled on the web server software months before. Which of the following is MOST likely causing the disk to run out of space?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 322**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 323**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 324**

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

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

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 325**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 326**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 327**

Which of the following interface types is used for displaying information to the user?

- A. AGP
- B. USB
- C. IDE
- D. NIC

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 328**

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

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 329**

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

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

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 330**

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

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

D. 100 half duplex NIC

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 331**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 332**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 333**

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

- A. DVD
- B. SDLT
- C. LTO
- D. Blu-Ray

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 334**

Which of the following defines an additional online disk to be used in case of drive failure?

- A. Hot spare disk
- B. Raid 0 array disk
- C. Hot swap disk
- D. Raid 5 array disk

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 335**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 336**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 337**

An earthquake has destroyed a technicians datacenter and forced the company to use a hot site while the datacenter is being rebuilt. Which of the following should the technician do to get the hot site servers ready for use?

- A. Prioritize which servers should come online first.
- B. Purchase a new server.
- C. Restore data from the backup tapes.
- D. Verify that everything is replicated and functional.

**Correct Answer:** D

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 338**

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

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

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 339**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 340**

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

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 341**

A WORM drive is BEST used for:

- A. archival purposes.
- B. DSRM retention.
- C. detecting phishing scams.
- D. GFS backup rotation.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 342**

Which of the following is a connectionless transport layer protocol?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 343**

Which of the following RAID levels would be appropriate if multiple simultaneous drive failures need to be protected against?

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 344**

A legacy tape drive on a SCSI chain fails. The server administrator notices the SCSI identification symbol on the back of the tape drive and decides to replace the tape drive with a newer model. The SCSI symbol on the back of the new tape unit indicates that the newer tape unit is LVD, while the legacy tape unit was HVD. Which of the following is MOST likely to occur when the server is powered on?

- A. Tape backup throughput will be lower
- B. The new tape unit will be damaged
- C. Tape backup throughput will be high
- D. The SCSI chain will convert to LVD

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 345**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 346**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 347**

The administrator wants to make sure the server only boots from the hard drive. Which of the following should be disabled for this to happen? (Select TWO).

- A. BIOS
- B. PBX
- C. SATA
- D. USB
- E. CD-ROM

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 348**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 349**

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

- A. Reboot the printer server.
- B. Reinstall the drivers for the printers.
- C. Restart the print spooler service.
- D. Reboot the printers.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 350**

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

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 351**

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

- A. One NIC will support all virtual machines
- B. One for each virtual machine and one for management

- C. Three for each virtual machine
- D. Two for each virtual machine and one for management

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 352**

Which of the following processor technologies are specifically geared towards increasing performance in a virtual environment? (Select TWO).

- A. RISC
- B. XD
- C. AMD-V
- D. VT
- E. Hyper threading

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 353**

Which of the following is the MOST cost effective way to backup open files on a Linux server?

- A. Have the backup software run the xcopy command
- B. Change the backup type to a copy backup
- C. Change the backup type to a differential backup
- D. Purchase an open file agent

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 354**

An administrator for a medium sized business with multiple servers is planning to consolidate space in a new server room. Which of the following server form factors would provide the BEST solution?

- A. Rack
- B. Blade
- C. Tower
- D. Micro ATX

**Correct Answer:** B

**Section:** (none)

**Explanation**



**Explanation/Reference:**

**QUESTION 355**

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:**

**QUESTION 356**

A technician is dispatched to a remote datacenter to troubleshoot a server that intermittently shuts down. The technician diagnoses the root cause to be dust buildup in the server case. Which of the following should the technician use to correct the issue?

- A. Compressed air canister
- B. Anti-static cloth and water
- C. Anti-static cloth
- D. International compliant filters

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 357**

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

- A. Epoxy paste
- B. Chip fan
- C. Heat sink
- D. Virtualization

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 358**

Which of the following MOST correctly describes RAID technology?

- A. A card-oriented technology that allows a server to connect to an external disk group.

- B. A firewall technology that allows for increased user level security through a single sign-on.
- C. A collection of disks grouped together for the purposes of acting as a single storage device.
- D. An optical media type that allows multiple writes to the same medium.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 359**

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:**

#### **QUESTION 360**

An administrator wants to restrict users through VPN from connecting to the network between 12:00 AM and 6:00 AM. The system uses LDAP for authentication back to a domain. Which of the following solutions would BEST restrict the users?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 361**

Which of the following server types hosts the network printers?

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 362**

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

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

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 363**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 364**

A company requires that business critical applications must reside both onsite and offsite for disaster recovery needs. Which of the following BEST describes this scenario?

- A. A hot site
- B. A cold site
- C. Cloud computing
- D. A warm site

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 365**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 366**

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

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 367**

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

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 368**

Which of the following site types is BEST to use for a company that requires uninterrupted operations in the event of a disaster?

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 369**

A tornado has been spotted en route to a technicians datacenter. Which of the following should the technician do?

- A. Pull the fire alarm.
- B. Follow emergency procedures.
- C. Document the situation.
- D. Grab the backup tapes, exit the building, and evacuate.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 370**

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 371**

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:**



<http://www.gratisexam.com/>