**QUESTION 143**
A system administrator has been alerted to a zero-day vulnerability that is impacting a service enabled on a server OS. Which of the following would work BEST to limit an attacker from exploiting this vulnerability?

A. Installing the latest patches
B. Closing open ports
C. Enabling antivirus protection
D. Enabling a NIDS

**Answer:** B

**QUESTION 144**
A server administrator has connected a new server to the network. During testing, the administrator discovers the server is not reachable via server but can be accessed by IP address. Which of the following steps should the server administrator take NEXT? (Select TWO).

A. Check the default gateway.
B. Check the route tables.
C. Check the hosts file.
D. Check the DNS server.
E. Run the ping command.
F. Run the tracert command

**Answer:** CD

**QUESTION 145**
An administrator needs to disable root login over SSH. Which of the following tiles should be edited to complete this task?

A. /root.ssh/sshd/config
B. /etc.ssh/sshd_config
C. /root/.ssh/ssh_config
D. /etc.sshs_shd_config

**Answer:** B

**QUESTION 146**
Users have noticed a server is performing below Baseline expectations. While diagnosing me server, an administrator discovers disk drive performance has degraded. The administrator checks the diagnostics on the RAID controller and sees the battery on me controller has gone bad. Which of the following is causing the poor performance on the RAID

array?

A. The controller has disabled the write cache.
B. The controller cannot use all the available channels.
C. The drive array is corrupt.
D. The controller has lost its configuration.

**Answer:** A

**QUESTION 147**
A server technician notices a server is very low on disk space. Upon inspecting the disk utilization, the technician discovers server logs are taxing up a large amount of space. There is no central log server. Which of the following would help free up disk space?

A. Log rotation
B. Log shipping
C. Log alerting
D. Log analysis

**Answer:** B

**QUESTION 148**
A server has experienced several component failures. To minimize downtime, the server administrator wants to replace the components while the server is running. Which of the following can MOST likely be swapped out while the server is still running? (Select TWO).

A. The power supply
B. The CPU
C. The hard drive
D. The GPU
E. The cache
F. The RAM

**Answer:** CD

**QUESTION 149**
A company wants to deploy software to all users, Out very few of men will be using the software at any one point in time. Which of the following licensing models would be BEST for the company?

A. Per site
B. Per concurrent user
C. Per core
D. Per instance

**Answer:** B

**QUESTION 150**
Users cannot access a new server by name, but the server does respond to a ping request using its IP address. All the user workstations receive their IP information from a DHCP server. Which of the following would be the best step to perform NEXT?

A. Run the tracert command from a workstation.
B. Examine the DNS to see if the new server record exists.
C. Correct the missing DHCP scope.
D. Update the workstation hosts file.

**Answer:** B

**QUESTION 151**
Which of the following techniques can be configured on a server for network redundancy?

A. Clustering
B. Vitalizing
C. Cloning
D. Teaming

**Answer:** D

**QUESTION 152**
An administrator is investigating a physical server mat will not Boot into the OS. The server has three hard drives configured in a RAID 5 array. The server passes POST, out the OS does not load. The administrator verities the CPU and RAM are Doth seated correctly and checks the dual power supplies. The administrator then verifies all the BIOS settings are correct and connects a bootable USB drive in the server, and the OS loads correctly. Which of the following is causing the issue?

A. The page file is too small.
B. The CPU has failed.
C. There are multiple failed hard drives.
D. There are mismatched RAM modules.
E. RAID 5 requires four drives

**Answer:** C

**QUESTION 153**
Which of the following BEST measures now much downtime an organization can tolerate Curing an unplanned outage?

A. SLA
B. BIA
C. RTO
D. MTTR

**Answer:** A

**QUESTION 154**
A server administrator added a new drive to a server. However, the drive is not showing up as available. Which of the following does the administrator need to do to make the drive available?

A. Partition the drive.
B. Create a new disk quota.
C. Configure the drive as dynamic.
D. Set the compression.

**Answer:** C

**QUESTION 155**
A company is reviewing options for its current disaster recovery plan and potential changes to it. The security team will not allow customer data to egress to non-company equipment, and the company has requested recovery in the shortest possible time. Which of the following will BEST meet these goals?

A. A warm site

B.  A hot site
C.  Cloud recovery
D.  A cold site

**Answer:** B

**QUESTION 156**
A technician is laying out a filesystem on a new Linux server. Which of the following tools would work BEST to allow the technician to increase a partition's size in the future without reformatting it?

A.  LVM
B.  DiskPart
C.  fdisk
D.  Format

**Answer:** A

**QUESTION 157**
A very old PC is running a critical, proprietary application in MS-DOS. Administrators are concerned about the stability of this computer. Installation media has been lost, and the vendor is out of business. Which of the following would be the BEST course of action to preserve business continuity?

A.  Perform scheduled chkdsk tests.
B.  Purchase matching hardware and clone the disk.
C.  Upgrade the hard disk to SSD.
D.  Perform quarterly backups.

**Answer:** A

**QUESTION 158**
A technician is attempting to reboot a remote physical Linux server. However, attempts to command a shutdown -----now result in the loss of the SSH connection. The server still responds to pings. Which of the following should the technician use to command a remote shutdown?

A.  A virtual serial console
B.  A KVM
C.  An IDRAC
D.  A crash cart

**Answer:** B

**QUESTION 159**
An administrator is troubleshooting a RAID issue in a failed server. The server reported a drive failure, and then it crashed and would no longer boot. There are two arrays on the failed server: a two-drive RAIO 0 set tor the OS, and an eight-drive RAID 10 set for data. Which of the following failure scenarios MOST likely occurred?

A.  A drive failed in the OS array.
B.  A drive failed and then recovered in the data array.
C.  A drive failed in both of the arrays.
D.  A drive failed in the data array.

**Answer:** A

**QUESTION 160**
Which of the following technologies would allow an administrator to build a software RAID on a Windows server?

A. Logical volume management
B. Dynamic disk
C. GPT
D. UEFI

**Answer:** B

**QUESTION 161**
A server administrator is completing an OS installation for a new server. The administrator patches the server with the latest vendor-suggested software, configures DHCP, and verifies all network cables are properly connected in the IDF, but there is no network connectivity. Which of the following is the MOST likely reason for the lack of connectivity?

A. The VLAN Is improperly configured.
B. The DNS configuration Is invalid.
C. The OS version is not compatible with the network switch vendor.
D. The HIDS is preventing the connection.

**Answer:** A

**QUESTION 162**
A datacenter in a remote location lost power. The power has since been restored, but one ol the servers has not come back online. After some investigation, the server is found to still be powered off. Which of the following is the BEST method to power on the server remotely?

A. Crash cart
B. Out-of-band console
C. IP KVM
D. RDP

**Answer:** B

**QUESTION 163**
Which of the following encryption methodologies would MOST likely be used to ensure encrypted data cannot be retrieved if a device is stolen?

A. End-to-end encryption
B. Encryption in transit
C. Encryption at rest
D. Public key encryption

**Answer:** C

**QUESTION 164**
A backup application is copying only changed files each line it runs. During a restore, however, only a single file is used. Which of the following backup methods does this describe?

A. Open file
B. Synthetic full
C. Full Incremental
D. Full differential

**Answer:** A

**QUESTION 165**

Which of the following licenses would MOST likely include vendor assistance?

A. Open-source
B. Version compatibility
C. Subscription
D. Maintenance and support

**Answer:** C

**QUESTION 166**
Alter rack mounting a server, a technician must install four network cables and two power cables for the server. Which of the following is the MOST appropriate way to complete this task?

A. Wire the four network cables and the two power cables through the cable management arm using appropriate-length cables.
B. Run the tour network cables up the left side of the rack to the top of the rack switch. Run the two power cables down the right side of the rack toward the UPS.
C. Use the longest cables possible to allow for adjustment of the server rail within the rack.
D. Install an Ethernet patch panel and a PDU to accommodate the network and power cables.

**Answer:** A

**QUESTION 167**
An administrator is configuring a host-based firewall tor a server. The server needs to allow SSH, FTP, and LDAP traffic. Which of the following ports must be configured so this traffic will be allowed? (Select THREE).

A. 21
B. 22
C. 53
D. 67
E. 69
F. 110
G. 123
H. 389

**Answer:** ABH

**QUESTION 168**
Which of the following if properly configured would prevent a user from installing an OS on a server? (Select TWO).

A. Administrator password
B. Group Policy Object
C. Root password
D. SELInux
E. Bootloader password
F. BIOS/UEFI password

**Answer:** BD

**QUESTION 169**
A server technician is installing a new server OS on legacy server hardware. Which of the following should the technician do FIRST to ensure the OS will work as intended?

A. Consult the HCL to ensure everything is supported.
B. Migrate the physical server to a virtual server.

C. Low-level format the hard drives to ensure there is no old data remaining.
D. Make sure the case and the fans are free from dust to ensure proper cooling.

**Answer:** A

**QUESTION 170**
Which of me following BEST describes a disaster recovery site with a target storage array that receives replication traffic and servers that are only powered on In the event of a disaster?

A. Cloud
B. Cold
C. Hot
D. Warm

**Answer:** C

**QUESTION 171**
A server administrator is deploying a new server that has two hard drives on which to install the OS. Which of the following RAID configurations should be used to provide redundancy for the OS?

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

**Answer:** B

**QUESTION 172**
Which of me following should be placed at the top of a Bash script to ensure it can be executed?

A. bash
B. !execute
C. #!
D. @eacho off

**Answer:** C

**QUESTION 173**
A company stores extremely sensitive data on an alt-gapped system. Which of the following can Be Implemented to increase security against a potential insider threat?

A. Two-person Integrity
B. SSO
C. SIEM
D. Faraday cage
E. MFA

**Answer:** E

**QUESTION 174**
A Linux administrator created a script that will run at startup. After successfully writing the script, the administrator received me following output when trying to execute the script:
Bash ./startup,sh:Permission denied
Which of the following commands would BEST resolve the error message?

A. Chmod +w startup.sh
B. Chmod 444 startup.sh
C. Chmod+x startup.sh
D. Chmod 466 startUp,sh

**Answer:** C