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.

## Correct Answer: A

## **QUESTION 18**

Which of the following policies would be BEST to deter a brute-force login attack?

- A. Password complexity
- B. Password reuse
- C. Account age threshold
- D. Account lockout threshold

## Correct Answer: D

## **QUESTION 19**

A technician needs to install a Type 1 hypervisor on a server. The server has SD card slots, a SAS controller, and a SATA controller, and it is attached to a NAS. On which of the following drive types should the technician install the hypervisor?

- A. SD card
- B. NAS drive
- C. SATA drive
- D. SAS drive

#### Correct Answer: C

#### **QUESTION 20**

A technician has received multiple reports of issues with a server. The server occasionally has a BSOD, powers off unexpectedly, and has fans that run continuously. Which of the following BEST represents what the technician should investigate during troubleshooting?

- A. Firmware incompatibility
- B. CPU overheating
- C. LED indicators
- D. ESD issues

#### Correct Answer: B

# **QUESTION 21**

A server administrator is installing a new server that uses 40G0 network connectivity. The administrator needs to find the proper cables to connect the server to the switch. Which of the following connectors should the administrator use?

- A. SFP+
- B. GBIC
- C. SFP
- D. QSFP+

# Correct Answer: A

# **QUESTION 22**

A technician is working on a Linux server. The customer has reported that files in the home directory are missing. The /etc/ f stab file has the following entry:

nfsserver:/home /home nfs defaults 0 0

However, a df -h /home command returns the following information:

/dev/sda2 10G 1G 9G 10% /home

Which of the following should the technician attempt FIRST to resolve the issue?

- A. mkdir /home
- B. umount nfsserver:/home
- C. rmdir nfsserver:/home/dev/sda2
- D. mount /home

# Correct Answer: B

## **QUESTION 23**

A technician is unable to access a server's package repository internally or externally. Which of the following are the MOST likely reasons? (Choose two.)

- A. The server has an architecture mismatch
- B. The system time is not synchronized
- C. The technician does not have sufficient privilegesD. The external firewall is blocking access
- E. The default gateway is incorrect
- F. The local system log file is full

# Correct Answer: AB

# **QUESTION 24**

A server administrator is swapping out the GPU card inside a server. Which of the following actions should the administrator take FIRST?

- A. Inspect the GPU that is being installed.
- B. Ensure the GPU meets HCL guidelines.
- C. Shut down the server.
- D. Disconnect the power from the rack.

#### Correct Answer: C

# **QUESTION 25**

A server is reporting a hard drive S.M.A.R.T. error. When a technician checks on the drive, however, it appears that all drives in the server are functioning normally. Which of the following is the reason for this issue?

A. A S.M.A.R.T. error is a predictive failure notice. The drive will fail in the near future and should be

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replaced at the next earliest time possible

- B. A S.M.A.R.T. error is a write operation error. It has detected that the write sent to the drive was incorrectly formatted and has requested a retransmission of the write from the controller
- C. A S.M.A.R.T. error is simply a bad sector. The drive has marked the sector as bad and will continue to function properly
- D. A S.M.A.R.T. error is an ECC error. Due to error checking and correcting, the drive has corrected the missing bit and completed the write operation correctly.

## Correct Answer: C

# **QUESTION 26**

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

## Correct Answer: B

## **QUESTION 27**

A technician recently upgraded several pieces of firmware on a server. Ever since the technician rebooted the server, it no longer communicates with the network. Which of the following should the technician do FIRST to return the server to service as soon as possible?

- A. Replace the NIC
- B. Make sure the NIC is on the HCL
- C. Reseat the NIC
- D. Downgrade the NIC firmware

#### Correct Answer: D

# **QUESTION 28**

A server room with many racks of servers is managed remotely with occasional on-site support. Which of the following would be the MOST cost-effective option to administer and troubleshoot network problems locally on the servers?

- A. Management port
- B. Crash cart
- C. IP KVM
- D. KVM

Correct Answer: C

# **QUESTION 29**

A technician runs top on a dual-core server and notes the following conditions:

top ? 14:32:27, 364 days, 14 usersload average 60.5 12.4 13.6

Which of the following actions should the administrator take?

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- A. Schedule a mandatory reboot of the server
- B. Wait for the load average to come back down on its own
- C. Identify the runaway process or processes
- D. Request that users log off the server

### Correct Answer: D

## **QUESTION 30**

A server administrator has configured a web server. Which of the following does the administrator need to install to make the website trusted?

- A. PKI
- B. SSL
- C. LDAP
- D. DNS

#### Correct Answer: A

## **QUESTION 31**

A datacenter in a remote location lost power. The power has since been restored, but one of 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

#### Correct Answer: B

#### **QUESTION 32**

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.

# Correct Answer: A

# **QUESTION 33**

A server administrator was asked to build a storage array with the highest possible capacity. Which of the following RAID levels should the administrator choose?

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

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## Correct Answer: A

### **QUESTION 34**

A technician needs to provide a VM with high availability. Which of the following actions should the technician take to complete this task as efficiently as possible?

- A. Take a snapshot of the original VM
- B. Clone the original VM
- C. Convert the original VM to use dynamic disks
- D. Perform a P2V of the original VM

#### Correct Answer: A

## **QUESTION 35**

A server technician is installing a Windows server OS on a physical server. The specifications for the installation call for a 4TB data volume. To ensure the partition is available to the OS, the technician must verify the:

- A. hardware is UEFI compliant
- B. volume is formatted as GPT
- C. volume is formatted as MBR
- D. volume is spanned across multiple physical disk drives

## Correct Answer: A

#### **QUESTION 36**

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

#### Correct Answer: CD

#### **QUESTION 37**

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

#### Correct Answer: C