

Vendor: CompTIA

> Exam Code: SK0-005

- Exam Name: CompTIA Server+ Certification Exam
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QUESTION 83

After identifying a problem, but before applying a system change, which of the following is the MOST important task that needs to be completed?

- A. Perform a system backup.
- B. Collect log data.
- C. Question the users/stakeholders.
- D. Establish a theory of probable cause.

Answer: D

QUESTION 84

A syslog server is configured to use UDP port 514. The administrator uses Telnet to check port 514 against the syslog server. However, the syslog server is not responding. Which of the following is the MOST likely reason why the syslog server is not responding?

- A. The syslog server is down.
- B. Telnet does not work on UDP.
- C. The firewall is blocking UDP port 514
- D. The log is full on the syslog server.

Answer: B

QUESTION 85

A server technician is troubleshooting an issue regarding users who are not able to access a reporting server. The reporting server has a static IP address and is connected to a Windows domain. The technician attempts steps to narrow down the issue:

- Pings the hostname but is not successful
- Pings the IP address and is successful
- Verifies the IP and DNS settings on the NIC card are okay

Which of the following should the technician do NEXT?

- A. Perform a tracert to the hostname and IP address.
- B. Reboot the computer to apply security updates to the system.
- C. Verify the DNS A record for the hostname of the server.
- D. Update the DNS configuration on the host NIC card to localhost for lookups.
- E. Perform an ipconfig on the host to verify the IP configurations.

Answer: C

QUESTION 86



A server administrator recently replaced an overheating CPU in a server at a datacenter. Following the CPU replacement, the server logs indicate the server continues to overheat. Which of the following could help mitigate this issue?

- A. The UEFI/BIOS should be updated.
- B. The CPU should be replaced with a newer model.
- C. The graphics card should be replaced.
- D. An additional fan should be installed in the server.

Answer: D

QUESTION 87

During monthly security scans, a new server is found on the network. It is determined the server is question is listening on the following TCP ports: 25, 80, 110, 443, and 587. Which of the following roles is this server MOST likely fulfilling?

- A. Web server
- B. Database server
- C. Mail server
- D. Directory server

Answer: C

QUESTION 88

A server technician has been asked to upload a few files from the internal web server to the internal FTP server. The technician logs in to the web server using PuTTY, but the connection to the FTP server fails. However, the FTP connection from the technician's workstation is sucessful. To troubleshoot the issue, the technician executes the following command on both the web server and the workstation:

ping ftp.acme.local

The IP address in the command output is different on each machine. Which of the following is the MOST likely reason for the connection failure?

- A. A misconfigured firewall
- B. A misconfigured hosts.deny file
- C. A misconfigured hosts file
- D. A misconfigured hosts.allow file

Answer: D

QUESTION 89

A company deploys antivirus, anti-malware, and firewalls that can be assumed to be functioning properly. Which of the following is the MOST likely system vulnerability?

- A. Insider threat
- B. Worms
- C. Ransomware
- D. Open ports
- E. Two-person integrity

Answer: A

QUESTION 90

A security analyst suspects a remote server is running vulnerable network applications. The analyst does not have administrative credentials for the server. Which of the following would MOST likely help the analyst determine if the applications are running?

A. User account control



- B. Anti-malware
- C. A sniffer
- D. A port scanner

Answer: A Explanation:

https://www.sciencedirect.com/topics/computer-science/administrative-credential

QUESTION 91

Ann, an administrator, is configuring a two-node cluster that will be deployed. To check the cluster's functionality, she shuts down the active node. Cluster behavior is as expected, and the passive node is now active. Ann powers on the server again and wants to return to the original configuration. Which of the following cluster features will allow Ann to complete this task?

- A. Heartbeat
- B. Failback
- C. Redundancy
- D. Load balancing

Answer: B

QUESTION 92

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

Answer: A Explanation:

https://sucuri.net/guides/what-is-brute-force-attack/

QUESTION 93

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

Answer: C

QUESTION 94

A technician is trying to determine the reason why a Linux server is not communicating on a network. The returned network configuration is as follows:

eth0: flags=4163<UP, BROADCAST,RUNNING,MULTICAST> mtu 1500 inet 127.0.0.1 network 255.255.0.0 broadcast 127.0.0.1

Which of the following BEST describes what is happening?

- A. The server is configured to use DHCP on a network that has multiple scope options
- B. The server is configured to use DHCP, but the DHCP server is sending an incorrect subnet mask
- C. The server is configured to use DHCP on a network that does not have a DHCP server
- D. The server is configured to use DHCP, but the DHCP server is sending an incorrect MTU setting

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Answer: B

QUESTION 95

A server technician is deploying a server with eight hard drives. The server specifications call for a RAID configuration that can handle up to two drive failures but also allow for the least amount of drive space lost to RAID overhead. Which of the following RAID levels should the technician configure for this drive array?

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

Answer: C Explanation:

https://www.booleanworld.com/raid-levels-explained/

QUESTION 96

Which of the following should an administrator use to transfer log files from a Linux server to a Windows workstation?

- A. Telnet
- B. Robocopy
- C. XCOPY
- D. SCP

Answer: D

QUESTION 97

A technician is configuring a new server. After using the RAID setup program to create a new RAID array, the OS installer is not able to find storage on which to write. Which of the following is the MOST likely reason this may happen?

- A. The technician did not provide drivers to support the controller.
- B. The technician did not enable UEFI in the server BIOS.
- C. The technician did not allow time for the new array to initialize.
- D. The OS is not supported on the server hardware.

Answer: C

QUESTION 98

Which of the following PKI elements will a web server distribute to all of its clients using HTTPS?

- A. Root CA public key
- B. Server public key
- C. Root CA private key
- D. Server private key
- E. Server session key

Answer: B

QUESTION 99

Which of the following server types can be configured and joined to the existing network as a read-only server for user account verification to external websites?

- A. Syslog server
- B. Web server



- C. Directory server
- D. Messaging server

Answer: C

QUESTION 100

A datacenter technician needs to wire several switches together to increase port capacity. These switches do not have auto-MDI capability. Which of the following types of cable is the technician MOST likely to use to connect the switches together?

- A. Cat 6 straight-through
- B. Cat 5 crossover
- C. Cat 5e straight-through
- D. Cat 6 rollover

Answer: B

QUESTION 101

After configuring a server, a technician is unable to access websites by URL but can access websites by typing in an IP address. Which of the following is the MOST likely cause of this issue?

- A. There is a misconfigured firewall.
- B. The DNS is misconfigured.
- C. The DHCP is not enabled on the server.
- D. There is an incorrect gateway configuration.

Answer: B

QUESTION 102

A server in a remote datacenter is no longer responsive. Which of the following is the BEST solution to investigate this failure?

- A. Remote desktop
- B. Access via a crash cart
- C. Out-of-band management
- D. A Secure Shell connection

Answer: D Explanation:

https://www.lantronix.com/wp-content/uploads/pdf/Data_Center_Mgmt_WP.pdf

OUESTION 103

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 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.

Answer: C Explanation:



https://www.backblaze.com/blog/what-smart-stats-indicate-hard-drive-failures/