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QUESTION 1

A technician is connecting a Linux server to a share on a NAS. Which of the following is the MOST appropriate native protocol to use for this task?

A. CIFS

B. FTP

C. SFTP

D. NFS

Correct Answer: D

The most appropriate native protocol to use for connecting a Linux server to a share on a NAS is NFS. NFS (Network File System) is a protocol that allows file sharing and remote access over a network. NFS is designed for Unix-like operating systems, such as Linux, and supports features such as symbolic links, hard links, file locking, and file permissions. NFS uses mount points to attach remote file systems to local file systems, making them appear as if they are part of the local file system. NFS can provide fast and reliable access to files stored on a NAS (Network Attached Storage), which is a device that provides centralized storage for network devices.

QUESTION 2

A technician needs to con gure a server\\'s RAID array for maximum capacity. Which of the following RAID levels BEST meets this requirement?

A. 0

B. 1

C. 5

D. 6

Correct Answer: A

QUESTION 3

A data center employee shows a driver\\'s license to enter the facility Once the employee enters, the door immediately doses and locks, triggering a scale that then weighs the employee before granting access to another locked door. This is an example of.

A. mantrap.

B. a bollard

C. geofencing

D. RFID.

Correct Answer: A

A mantrap is a security device that consists of a small space with two sets of interlocking doors, such that the first set of doors must close before the second one opens. A mantrap can be used to control access to a data center by verifying the identity and weight of the person entering. A bollard is a sturdy post that prevents vehicles from entering a restricted area. Geofencing is a technology that uses GPS or RFID to create a virtual boundary around a location and trigger an action when a device crosses it. RFID is a technology that uses radio waves to identify and track objects or people.

References: https://www.techopedia.com/definition/16293/mantrap https://www.techopedia.com/definition/1437/bollard https://www.techopedia.com/definition/23961/geofencing https://www.techopedia.com/definition/506/radio-frequency-identification-rfid

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QUESTION 4

A server administrator wants to check the open ports on a server.

Which of the following commands should the administrator use to complete the task?

A. nslookup

B. nbtstat

C. telnet

D. netstat -a

Correct Answer: D

netstat is a command-line tool that displays network connections, routing tables, interface statistics, and more. The -a option shows all listening and non-listening sockets on the server. This can help check the open ports on a server and identify any unwanted or malicious connections.

References: https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/netstat

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QUESTION 5

A user reports that a server is not accessible. A technician sees the following message on the server: PXE server not found. Which of the following should the technician attempt FIRST to resolve the issue?

A. Ensure the network cable is properly connected and reboot the server.

B. Eject the disk in the CD-ROM and reboot the server.

C. Enter the BIOS and correct the boot sequence on the server.

D. Power down the server and reseat the PCI cards.

Correct Answer: C

QUESTION 6

An administrator is installing a new server and OS. After installing the OS, the administrator logs in and wants to quickly check the network configuration. Which of the following is the best command to use to accomplish this task?

A. tracert

B. telnet

C. ipconfig

D. ping

Correct Answer: C

QUESTION 7

```
Nmap scan report for www.abc.com (172.45.6.85)
Host is up (0.0021s latency)
Other addresses for www.abc.com (not scanned): 4503:F7b0:4293:703::3209
RDNS record for 172.45.6.85: lga45s12-in-f1.2d100.net

Port State Service
21/tcp filtered ftp
22/tcp filtered ssh
23/tcp filtered telnet
69/tcp open @username.com
80/tcp open http
110/tcp filtered pop
143/tcp filtered imap
443/tcp open https
1010/tcp open www.popup.com
3389/tcp filtered ms-abc-server
```

Which of the following actions should the server administrator perform on the server?

A. Close ports 69 and 1010 and rerun the scan.

B. Close ports 80 and 443 and rerun the scan.

C. Close port 3389 and rerun the scan.

D. Close all ports and rerun the scan.

Correct Answer: C

The server administrator should close port 3389 and rerun the scan. Port 3389 is used for Remote Desktop Protocol (RDP), which allows remote access and control of a server. RDP is vulnerable to brute-force attacks, credential theft, and

malware infection. Closing port 3389 can prevent unauthorized access and improve the security of the server. The other ports are not as risky as port 3389 and can be left open for legitimate purposes. References: CompTIA Server+

Certification Exam Objectives, Domain 5.0:

Security, Objective 5.4: Given a scenario, implement proper environmental controls and techniques.

QUESTION 8

A technician ordered two additional hard drives to expand an existing RAID 6 configuration. The technician added the new disks and then rebooted. After rebooting, the technician did not see the additional space in the existing disk, and the OS detected two new disks that needed signatures. Which of the following should the technician complete next to expand the existing RAID configuration?

A. Modify the existing disk to a dynamic disk and add the two new raw disks to the existing array.

B. Allow the OS to write GPT signatures to the disks and add them as dynamic disks to the existing disk.

C. Reboot the server, start the RAID utility from the BIOS, and expand the RAID 6 with the two new disks.

D. Use the software RAID in the OS to create a RAID 0 with the existing array and the two new disks.

Correct Answer: C

QUESTION 9

An administrator is tasked with building an environment consisting of four servers that can each serve the same website. Which of the following concepts is described?

A. Load balancing

B. Direct access

C. Overprovisioning

D. Network teaming

Correct Answer: A

Load balancing is a concept that distributes the workload across multiple servers or other resources to optimize performance, availability, and scalability. Load balancing can be implemented at different layers of the network, such as the

application layer, the transport layer, or the network layer. Load balancing can use various algorithms or methods to determine how to distribute the traffic, such as round robin, least connections, or weighted distribution.

References: CompTIA Server+ Study Guide, Chapter 6: Networking, page 241.

QUESTION 10

An administrator is deploying a new secure web server. The only administration method that is permitted is to connect via RDP. Which of the following ports should be allowed? (Select TWO).

A. 53

B. 80

C. 389

D. 443

E. 45

F. 3389

G. 8080

Correct Answer: DF

Port 443 is the default port for HTTPS, which is the protocol used for secure web communication. HTTPS uses SSL/TLS certificates to encrypt the data between the web server and the browser. Port 443 is commonly used for web servers that need to provide secure services, such as online banking, e-commerce, or email. By allowing port 443, the administrator can access the web server\\'s interface and manage its settings1. Port 3389 is the default port for RDP, which is the protocol used for remote desktop connection. RDP allows a user to remotely access and control another computer over a network. Port 3389 is commonly used for remote administration, technical support, or remote work. By allowing port 3389, the administrator can connect to the web server\\'s desktop and perform tasks that require graphical user interface2.

QUESTION 11

A technician is configuring a server rack that will hold ten blade servers. Which of the following safety concerns should be observed? (Choose three.)

A. Floor load limitations

B. Rack balancing

C. Proper lifting techniques

D. Power connector type

E. KVM placement

F. Cable management

G. UPS power requirements

H. PDU installation

I. Separate circuits for power

Correct Answer: ABC

QUESTION 12

A server technician is attempting to find a server in the datacenter and only has the server\\'s name. The technician does not have access to log in to the server and does not know where the server is located. Which of the following items would be MOST useful to inventory to aid in future server identification? (Choose two.)

A. Server make

B. Server model

C. Server IP address

D. Server serial number

E. Server asset tag

Correct Answer: DE

QUESTION 13

Which of the following is typical of software licensing in the cloud?

A. Per socket

B. Perpetual

C. Subscription-based

D. Site-based

Correct Answer: C

Cloud software licensing refers to the process of managing and storing software licenses in the cloud. The benefits of cloud software licensing models are vast. The main and most attractive benefit has to do with the ease of use for software vendors and the ability to provide customizable cloud software license management based on customer needs and desires1. Cloud-based licensing gives software developers and vendors the opportunity to deliver software easily and quickly and gives customers full control over their licenses, their analytics, and more1. Cloud based licensing gives software sellers the ability to add subscription models to their roster of services1. Subscription models are one of the most popular forms of licensing today1. Users sign up for a subscription (often based on various options and levels of use, features, etc.) and receive their licenses instantly1. References: 1 Everything You Need to Know about Cloud Licensing | Thales

QUESTION 14

A technician is troubleshooting a server issue. Which of the following should the technician do to ensure the solution can be duplicated in the future?

A. Verify system functionality and implement preventive measures

B. Document the ndings, actions, and outcomes throughout the process

C. Determine if there is a common element or symptom

D. Notify the impacted users before implementing any changes

Correct Answer: B

QUESTION 15

A technician needs maximum power redundancy while configuring a new server rack. Which of the following should be specified? (Select two).

A. Separate circuits

B. Rack balancing

C. Blanking panels

D. High-voltage PDUs

E. KVM placement

F. Multiple UPSs

Correct Answer: AF

Explanation: Separate circuits and multiple UPSs can provide fail-safe power redundancy for a server rack. Separate circuits mean that the server rack is connected to two or more independent power sources, such as different utility lines or generators. This can prevent a single point of failure in the power supply, as if one circuit goes down, the other circuit can still provide power to the server rack1. Multiple UPSs mean that the server rack has two or more uninterruptible power supplies, which are devices that provide backup power and surge protection in case of a power outage or fluctuation. Multiple UPSs can be connected to separate circuits, or to different outlets on the same circuit, to increase the reliability and availability of power for the server rack23.

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