



Free Questions for *SK0-005* by *dumpssheet*

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Question 1

Question Type: MultipleChoice

A technician set up a new multifunction printer. After adding the printer to the print server, the technician configured the printer on each user's machine. Several days later, users reported that they were no longer able to print, but scanning to email worked. Which of the following is most likely causing this issue?

Options:

- A- The gateway is no longer being reached.
- B- The network firewall was enabled.
- C- The printer's network interface failed.
- D- The printer had DHCP enabled.

Answer:

D

Explanation:

The most likely cause of this issue is that the printer had DHCP enabled, which changed its IP address after adding it to the print server and configuring it on each user's machine. DHCP (Dynamic Host Configuration Protocol) is a network protocol that assigns IP addresses and other network configuration parameters to devices automatically, without manual intervention. DHCP can simplify network management and avoid IP conflicts, but it can also cause problems if the devices are not configured to use static or reserved IP addresses. If the printer had DHCP enabled, it might have received a different IP address from the DHCP server after rebooting or reconnecting to the network, which would make it unreachable by the print server and the users' machines that were configured with the previous IP address. Scanning to email would still work, as it does not depend on the print server or the users' machines, but on the printer's SMTP settings and internet connection. Reference: [CompTIA Server+ Certification Exam Objectives], Domain 4.0: Networking, Objective 4.1: Given a scenario, configure network settings for servers.

Question 2

Question Type: MultipleChoice

A software developer is unable to reach an internal website. The developer's attempt to ping the FQDN returns the following IP address: 104.18.17.32. Which of the following is the most likely reason for this result?

Options:

A- The NIC is set to DHCP.

- B-** The default gateway is misconfigured.
- C-** The primary DNS server is 8.8.8.8.
- D-** There is a manual entry in the hosts file.

Answer:

D

Explanation:

The most likely reason for this result is that there is a manual entry in the hosts file that maps the FQDN to an incorrect IP address (104.18.17.32). The hosts file is a text file that contains mappings of hostnames or domain names to IP addresses, which are used by the operating system to resolve names before querying DNS servers on the network or internet. The hosts file can be used to override DNS settings or block access to certain websites by redirecting them to different IP addresses, such as localhost (127.0.0.1) or invalid addresses (0.0.0.0). If there is a manual entry in the hosts file that conflicts with DNS records, it can cause name resolution errors or connectivity issues. Reference: [CompTIA Server+ Certification Exam Objectives], Domain 4.0: Networking, Objective 4.1: Given a scenario, configure network settings for servers.

Question 3

Question Type: MultipleChoice

A server administrator is gathering business requirements to determine how frequently backups need to be performed on an application server. Which of the following is the administrator attempting to establish?

Options:

A- MTBF

B- RPO

C- MTTR

D- RFC

Answer:

B

Explanation:

The administrator is attempting to establish the recovery point objective (RPO) by determining how frequently backups need to be performed on an application server. RPO is a metric that defines how much data can be lost or how far back in time a recovery can go in case of a disaster or disruption, based on the business requirements and impact analysis of an organization or system. RPO is measured by the time interval between backups or snapshots of data, such as hourly, daily, weekly, etc., depending on how critical or sensitive the data is and how often it changes or updates. Reference: [CompTIA Server+ Certification Exam Objectives], Domain 5.0: Security, Objective 5.3: Given a scenario, explain methods and techniques to secure data.

Question 4

Question Type: MultipleChoice

An application server cannot communicate with a newly installed database server. The database server, which has static IP information, is reading the following output from ipconf ig:

```
IP: 10.0.10.240
Mask: 255.255.255.128
Gateway: 10.0.10.1
```

The application server is reading the following output from ipconf ig:

```
IP: 10.0.10.25
Mask: 255.255.255.128
Gateway: 10.0.10.1
```

Which of the following most likely contains an error?

Options:

- A- IP address
- B- DHCP
- C- Gateway
- D- Subnet mask

Answer:

D

Explanation:

The subnet mask is most likely containing an error that prevents the application server from communicating with the newly installed database server. The subnet mask is a binary number that defines how many bits of an IP address are used for the network portion and how many bits are used for the host portion. The subnet mask determines which devices belong to the same network or subnet and can communicate directly with each other without routing or switching devices. The subnet mask of the database server is 255.255.0.0, which means that all 32 bits of its IP address are used for the network portion and none for the host portion, which is invalid and makes it unreachable by any other device on any network or subnet. The subnet mask of the application server is 255.0.0.0, which means that only 8 bits of its IP address are used for the network portion and 24 bits are used for the host portion, which is also uncommon and makes it incompatible with most networks or subnets. Reference: [CompTIA Server+ Certification Exam Objectives], Domain 4.0: Networking, Objective 4.1: Given a scenario, configure network settings for servers.

Question 5

Question Type: MultipleChoice

A server technician is placing a newly configured server into a corporate environment. The server will be used by members of the accounting department, who are currently assigned by the VLAN identified below:

VLAN name	VLAN ID	IP address	Default gateway	Exclusion range
Accounting	25	172.16.25.1– 172.16.25.254/24	172.16.25.254	172.16.25.50– 172.16.25.100

Which of the following IP address configurations should the technician assign to the new server so the members of the accounting group can access the server?

Options:

- A- IP address: 172.16.25.90/24 Default gateway: 172.16.25.254
- B- IP address: 172.16.25.101/16 Default gateway: 172.16.25.254
- C- IP address: 172.16.25.254/24 Default gateway: 172.16.25.1
- D- IP address: 172.16.26.101/24 Default gateway: 172.16.25.254

Answer:

A

Explanation:

The IP address configuration that the technician should assign to the new server so the members of the accounting group can access the server is 172.16.25.90/24 for the IP address and 172.16.25.254 for the default gateway. This configuration matches the VLAN identified in the image, which has a network address of 172.16.25.0/24 and a subnet mask of 255.255.255.0. The IP address of the server must be within the same network range as the VLAN, which is from 172.16.25.1 to 172.16.25.254, excluding the network and broadcast addresses (172.16.25.0 and 172.16.25.255). The default gateway of the server must be the same as the VLAN, which is 172.16.25.254, to allow communication with other networks or devices outside the VLAN. Reference: [CompTIA Server+ Certification Exam Objectives], Domain 4.0: Networking, Objective 4.1: Given a scenario, configure network settings for servers.

Question 6

Question Type: MultipleChoice

A data center environment currently hosts more than 100 servers that include homegrown and commercial software. The management team has asked the server administrator to find a way to eliminate all company-owned data centers. Which of the following models will the administrator most likely choose to meet this need?

Options:

- A- SaaS
- B- Private
- C- Public
- D- Hybrid

Answer:

C

Explanation:

A public cloud model will most likely meet the need of eliminating all company-owned data centers. A public cloud is a type of cloud computing service that is provided by a third-party vendor over the internet. A public cloud offers scalability, flexibility, and cost-effectiveness for hosting servers and applications, as the customers only pay for the resources they use and do not have to maintain their own infrastructure. A public cloud can also provide high availability, security, and performance for the servers and applications, as the vendor manages the underlying hardware and software. A public cloud can support various types of services, such as software as a service (SaaS), platform as a service (PaaS), or infrastructure as a service (IaaS).Reference: [CompTIA Server+ Certification Exam Objectives], Domain 1.0: Server Administration, Objective 1.2: Given a scenario, compare and contrast server roles and requirements for each.

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