



# SK0-005<sup>Q&As</sup>

CompTIA Server+

## Pass CompTIA SK0-005 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass4itsure.com/sk0-005.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by CompTIA  
Official Exam Center

- ⚙ **Instant Download** After Purchase
- ⚙ **100% Money Back** Guarantee
- ⚙ **365 Days** Free Update
- ⚙ **800,000+** Satisfied Customers



**QUESTION 1**

A new application server has been configured in the cloud to provide access to all clients within the network. On-site users are able to access all resources, but remote users are reporting issues connecting to the new application. The server administrator verifies that all users are configured with the appropriate group memberships. Which of the following is MOST likely causing the issue?

- A. Telnet connections are disabled on the server.
- B. Role-based access control is misconfigured.
- C. There are misconfigured firewall rules.
- D. Group policies have not been applied.

Correct Answer: C

This is the most likely cause of the issue because firewall rules can block or allow traffic based on source, destination, port, protocol, or other criteria. If the firewall rules are not configured properly, they can prevent remote users from accessing the cloud application server, while allowing on-site users to access it.

References: <https://docs.microsoft.com/en-us/azure/virtual-network/security-overview>

---

**QUESTION 2**

```
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-fl.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 3

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.

Correct Answer: A

The first thing that the technician should do before installing a new server OS on legacy server hardware is to consult the HCL (Hardware Compatibility List) to ensure everything is supported. The HCL is a list of hardware devices and components that are tested and certified to work with a specific OS or software product. The HCL helps to avoid compatibility issues and performance problems that may arise from using unsupported or incompatible hardware. Migrating the physical server to a virtual server may be a good option to improve scalability and flexibility, but it requires additional hardware and software resources and may not be feasible for legacy server hardware. Low-level formatting the hard drives may be a good practice to erase any old data and prepare the drives for a new OS installation, but it does not guarantee that the hardware will work with the new OS. Making sure the case and the fans are free from dust may be a good practice to ensure proper cooling and prevent overheating, but it does not guarantee that the hardware will work with the new OS.

References: <https://www.howtogeek.com/190014/virtualization-basics-understanding-techniques-and-fundamentals/>  
<https://www.howtogeek.com/173353/how-to-low-level-format-or-write-zeros-to-a-hard-drive/>  
<https://www.howtogeek.com/303282/how-to-manage-your-pcs-fans-for-optimal-airflow-and-cooling/>

---

### QUESTION 4

A technician is deploying a new workstation. The workstation uses DHCP and can ping other devices on the same VLAN, but it cannot access anything on a different VLAN. Which of the following steps should the technician perform NEXT?

- A. Enable IPv6 on the workstation.



- B. Create a local hosts file.
- C. Examine the DHCP scope configuration.
- D. Configure an APIPA reservation.

Correct Answer: C

---

#### QUESTION 5

A technician has several possible solutions to a reported server issue. Which of the following BEST represents how the technician should proceed with troubleshooting?

- A. Determine whether there is a common element in the symptoms causing multiple problems.
- B. Perform a root cause analysis.
- C. Make one change at a time and test.
- D. Document the findings, actions, and outcomes throughout the process.

Correct Answer: C

This is the best way to proceed with troubleshooting when the technician has several possible solutions to a reported server issue. Making one change at a time and testing allows the technician to isolate the cause and effect of each solution and determine which one works best. It also helps to avoid introducing new problems or complicating existing ones by making multiple changes at once. Determining whether there is a common element in the symptoms causing multiple problems is a good step to perform before identifying possible solutions, but not after. Performing a root cause analysis is a good step to perform after resolving the issue, but not during. Documenting the findings, actions, and outcomes throughout the process is a good practice to follow at every step of troubleshooting, but not a specific way to proceed with testing possible solutions.

References: <https://www.howtogeek.com/174288/how-to-tell-if-your-computer-is-overheating-and-what-to-do-about-it/>  
<https://www.howtogeek.com/428483/what-is-end-to-end-encryption-and-why-does-it-matter/>

---

#### QUESTION 6

Which of the following BEST describes a security control that requires validating the user's physical characteristics?

- A. OTP
- B. Biometrics
- C. RFID
- D. Security cameras

Correct Answer: B

---

#### QUESTION 7



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?

- 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.

Correct Answer: D

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. References: [CompTIA Server+ Certification Exam Objectives], Domain 4.0: Networking, Objective 4.1: Given a scenario, configure network settings for servers.

---

### QUESTION 8

A change in policy requires a complete backup of the accounting server every seven days and a backup of modified data every day. Which of the following would be BEST to restore a full backup as quickly as possible in the event of a complete loss of server data?

- A. A full, weekly backup with daily open-file backups
- B. A full, weekly backup with daily archive backups
- C. A full, weekly backup with daily incremental backups
- D. A full, weekly backup with daily differential backups

Correct Answer: D

---

### QUESTION 9

A server administrator is configuring a new server in a data center in another country. Which of the following technologies should the administrator use to complete this task?

- A. IP KVM
- B. Crash cart
- C. Remote console
- D. Serial connection



Correct Answer: A

---

#### QUESTION 10

An administrator is troubleshooting an application performance issue on a virtual server with two vCPUs. The application performance logs indicate CPU contention. The administrator adds more vCPU cores to the VM, yet the issue persists. Which of the following is the MOST likely reason for this issue?

- A. The server has high page utilization.
- B. The server has high disk latency.
- C. The application is single-threaded.
- D. The application cannot be virtualized.

Correct Answer: C

---

#### QUESTION 11

A user logs in to a Linux server and attempts to run the following command:

```
sudo emacs /root/file
```

However, the user gets the following message:

User userid is not allowed to execute `emacs\\' on this server.

Which of the following would BEST allow the user to find out which commands can be used?

- A. visudo | grep userid
- B. sudo -l -U userid
- C. cat /etc/passwd
- D. userlist | grep userid

Correct Answer: B

The BEST option to allow the user to find out which commands can be used is option B: sudo -l -U userid.

This command allows the user to run a shell with the privileges of the specified user (-U userid) while preserving their own environment (-i). This means that the user will be able to see the commands they are authorized to run, and also allows them to test running those commands as the authorized user.

Option A (visudo | grep userid) runs the visudo command with the intention of displaying the sudoers file contents that have configuration options for the specified user, but it will not show the available commands.

Option C (cat /etc/passwd) shows the contents of the /etc/passwd file, which contains user account information including usernames, user IDs, home directories, and login shells. However, it will not show the commands that the user can run.



Option D (userlist | grep userid) does not seem to be a valid command and would not help the user find the available commands they can run.

---

### QUESTION 12

Which of the following can be used to map a network drive to a user profile?

- A. System service
- B. Network service
- C. Login script
- D. Kickstart script

Correct Answer: C

A login script is a file that contains commands or instructions that are executed when a user logs into a system or network. A login script can be used to map a network drive to a user profile, which means that the user will have access to a shared folder or resource on another computer or server. A login script can be written in various languages, such as batch, PowerShell, or VBScript, and can be assigned to a user or a group using tools such as Group Policy or Active Directory. A system service (A) is a program that runs in the background and performs tasks that are essential for the operation of the system, such as security, networking, or hardware management. A system service does not map a network drive to a user profile. A network service (B) is a program that provides functionality or resources to other programs or devices over a network, such as file sharing, printing, or web hosting. A network service does not map a network drive to a user profile. A kickstart script (D) is a file that contains configuration settings and commands for automated installation of Linux operating systems. A kickstart script does not map a network drive to a user profile.

References: <https://www.howtogeek.com/118452/how-to-map-network-drives-from-the-command-prompt-in-windows/>  
<https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/logon>

---

### QUESTION 13

Which of the following server types would benefit MOST from the use of a load balancer?

- A. DNS server
- B. File server
- C. DHCP server
- D. Web server

Correct Answer: D

The server type that would benefit most from the use of a load balancer is web server. A web server is a server that hosts web applications or websites and responds to requests from web browsers or clients. A load balancer is a device or software that distributes network traffic across multiple servers based on various criteria, such as availability, capacity, or performance. A load balancer can improve the scalability, reliability, and performance of web servers by balancing the workload and preventing any single server from being overloaded or unavailable.

Reference: <https://www.dnsstuff.com/what-is-server-load-balancing>

---



**QUESTION 14**

Which of the following is the MOST secure method to access servers located in remote branch offices?

- A. Use an MFA out-of-band solution
- B. Use a Telnet connection
- C. Use a password complexity policy
- D. Use a role-based access policy

Correct Answer: D

MFA and out of band could be an answer but MFA isn't specific to just secure remote access .. it is for the entire network. Out of band would be authentication that is done outside of the original communication.

Telnet is not secure

A password complexity policy has nothing to do with most secure access method RBAC provides a consistent authentication and authorization mechanism for users access. Role-based access control (RBAC) restricts network access based

on a person's role within an organization and has become one of the main methods for advanced access control. The roles in RBAC refer to the levels of access that employees have to the network.

---

**QUESTION 15**

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?

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

Correct Answer: C

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). References: [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.





VCE & PDF

Pass4itSure.com

<https://www.pass4itsure.com/sk0-005.html>

2025 Latest pass4itsure SK0-005 PDF and VCE dumps Download

---

[Latest SK0-005 Dumps](#)

[SK0-005 VCE Dumps](#)

[SK0-005 Exam Questions](#)