

# Exam Questions SK0-005

CompTIA Server+ Certification Exam

<https://www.2passeasy.com/dumps/SK0-005/>



#### NEW QUESTION 1

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 privileges
- D. The external firewall is blocking access
- E. The default gateway is incorrect
- F. The local system log file is full

**Answer:** AB

#### NEW QUESTION 2

A systems administrator needs to configure a new server and external storage for a new production application environment. Based on end-user specifications, the new solution needs to adhere to the following basic requirements:

- \* 1. The OS must be installed in a separate disk partition. In case of hard drive failure, it cannot be affected.
- \* 2. Application data IOPS performance is a must.
- \* 3. Data availability is a high priority, even in the case of multiple hard drive failures.

Which of the following are the BEST options to comply with the user requirements? (Choose three.)

- A. Install the OS on a RAID 0 array.
- B. Install the OS on a RAID 1 array.
- C. Configure RAID 1 for the application data.
- D. Configure RAID 5 for the application data.
- E. Use SSD hard drives for the data application array.
- F. Use SATA hard drives for the data application array.
- G. Use a single JBOD for OS and application data.

**Answer:** BDE

#### NEW QUESTION 3

A technician is connecting a server's secondary NIC to a separate network. The technician connects the cable to the switch but then does not see any link lights on the NIC. The technician confirms there is nothing wrong on the network or with the physical connection. Which of the following should the technician perform NEXT?

- A. Restart the server
- B. Configure the network on the server
- C. Enable the port on the server
- D. Check the DHCP configuration

**Answer:** B

#### NEW QUESTION 4

Which of the following licenses would MOST likely include vendor assistance?

- A. Open-source
- B. Version compatibility
- C. Subscription
- D. Maintenance and support

**Answer:** C

#### NEW QUESTION 5

Which of the following would a systems administrator implement to ensure all web traffic is secure?

- A. SSH
- B. SSL
- C. SMTP
- D. PGP

**Answer:** B

#### Explanation:

Secure Sockets Layer (SSL): SSL and its successor Transport Layer Security (TLS) enable client and server computers to establish a secure connection session and manage encryption and decryption activities.

#### NEW QUESTION 6

A server administrator needs to harden a server by only allowing secure traffic and DNS inquiries. A port scan reports the following ports are open:

- A. 21
- B. 22
- C. 23
- D. 53
- E. 443
- F. 636

**Answer:** D

#### NEW QUESTION 7

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.

**Answer:** A

#### NEW QUESTION 8

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?

- 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

**Answer:** D

#### NEW QUESTION 9

A systems administrator has noticed performance degradation on a company file server, and one of the disks on it has a solid amber light. The administrator logs on to the disk utility and sees the array is rebuilding. Which of the following should the administrator do NEXT once the rebuild is finished?

- A. Restore the server from a snapshot.
- B. Restore the server from backup.
- C. Swap the drive and initialize the disk.
- D. Swap the drive and initialize the array.

**Answer:** C

#### NEW QUESTION 10

A systems administrator is attempting to connect via RDP to a server that is running Windows. However, the systems administrator cannot connect to the machine via RDP to reboot it and apply updates. Which of the following methods should be used to access the machine and perform a reboot if the server is not physically accessible?

- A. ILO/iDRAC
- B. TCP/IP
- C. SSH/SCP
- D. VNC/VPN

**Answer:** A

#### NEW QUESTION 10

A server administrator needs to keep a copy of an important fileshare that can be used to restore the share as quickly as possible. Which of the following is the BEST solution?

- A. Copy the fileshare to an LTO-4 tape drive
- B. Configure a new incremental backup job for the fileshare
- C. Create an additional partition and move a copy of the fileshare
- D. Create a snapshot of the fileshare

**Answer:** D

#### NEW QUESTION 13

Which of the following would MOST likely be part of the user authentication process when implementing SAML across multiple applications?

- A. SSO
- B. LDAP
- C. TACACS
- D. MFA

**Answer:** A

#### NEW QUESTION 14

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

**Answer:** A

#### NEW QUESTION 17

A server administrator is deploying a new server that has two hard drives on which to install the OS. Which of the following RAID configurations should be used to provide redundancy for the OS?

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

**Answer:** B

#### NEW QUESTION 18

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

#### NEW QUESTION 20

A remote physical server is unable to communicate to the network through the available NICs, which were misconfigured. However, the server administrator is still able to configure the server remotely. Which of the following connection types is the server administrator using to access the server?

- A. Out-of-band management
- B. Crash cart access
- C. Virtual administrator console
- D. Local KVM setup
- E. RDP connection

**Answer:** A

#### NEW QUESTION 24

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

**Answer:** B

#### Explanation:

Unexpected shutdowns. If the system is randomly shutting down or rebooting, the most likely cause is a heat problem.

#### NEW QUESTION 26

A company is running an application on a file server. A security scan reports the application has a known vulnerability. Which of the following would be the company's BEST course of action?

- A. Upgrade the application package
- B. Tighten the rules on the firewall
- C. Install antivirus software
- D. Patch the server OS

**Answer:** D

#### Explanation:

Reference <https://www.sciencedirect.com/topics/computer-science/vulnerability-scanner>

#### NEW QUESTION 31

A recent power Outage caused email services to go down. A sever administrator also received alerts from the datacenter's UPS. After some investigation, the server administrator learned that each POU was rated at a maximum Of 12A.

#### INSTRUCTIONS

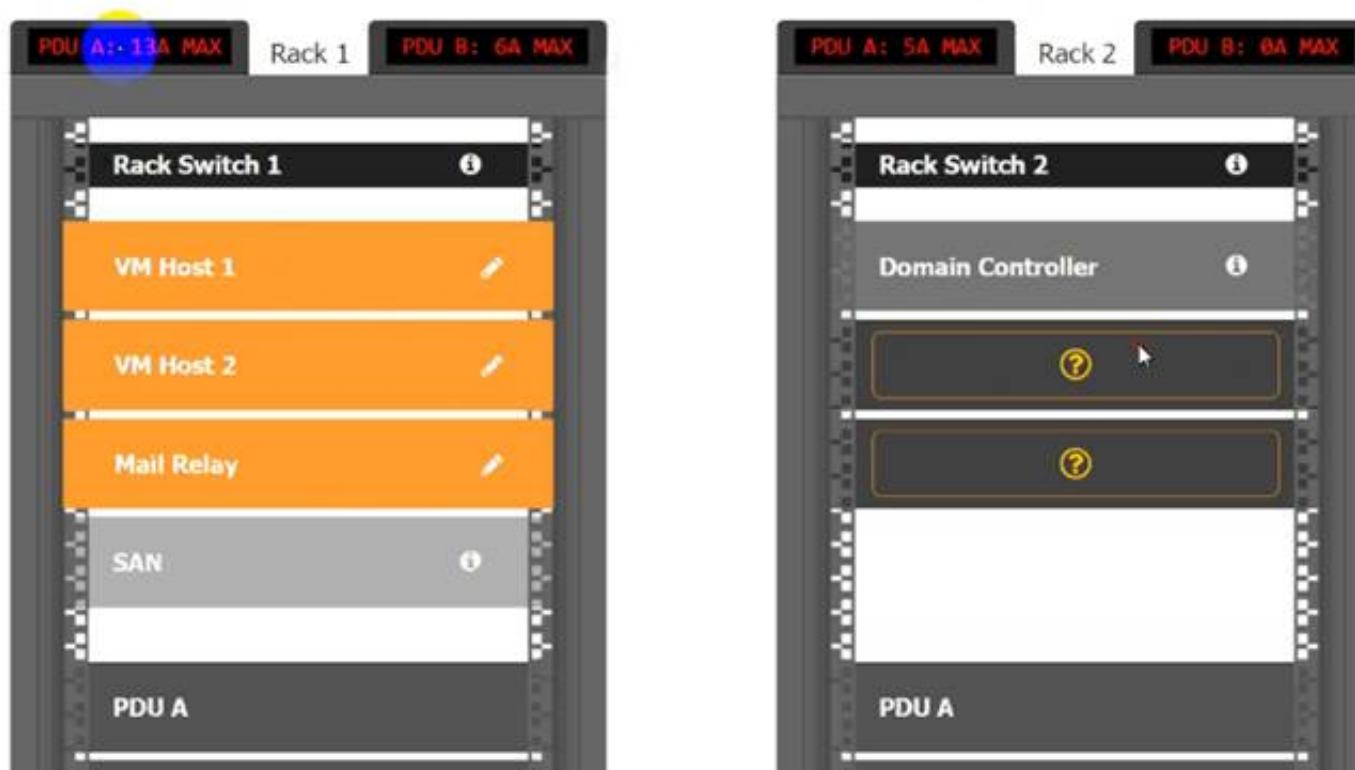
Ensure power redundancy is implemented throughout each rack and UPS alarms are resolved. Ensure the maximum potential PDU consumption does not exceed 80% or 9.6A).

- \* a. PDU selections must be changed using the pencil icon.
- \* b. VM Hosts 1 and 2 and Mail Relay can be moved between racks.
- \* c. Certain devices contain additional details

## Data Center Racks 1 and 2

Show Question

Reset All Answers



- A. Mastered
- B. Not Mastered

**Answer:** A

### Explanation:

Graphical user interface, application Description automatically generated

### NEW QUESTION 33

A server administrator wants to run a performance monitor for optimal system utilization. Which of the following metrics can the administrator use for monitoring? (Choose two.)

- A. Memory
- B. Page file
- C. Services
- D. Application
- E. CPU
- F. Heartbeat

**Answer:** AE

### NEW QUESTION 34

Which of the following open ports should be closed to secure the server properly? (Choose two.)

- A. 21
- B. 22
- C. 23
- D. 53
- E. 443
- F. 636

**Answer:** AC

### NEW QUESTION 36

Which of the following technologies would allow an administrator to build a software RAID on a Windows server?

- A. Logical volume management
- B. Dynamic disk
- C. GPT
- D. UEFI

**Answer:** B

### NEW QUESTION 37

A company uses a hot-site, disaster-recovery model. Which of the following types of data replication is required?

- A. Asynchronous
- B. Incremental
- C. Application consistent
- D. Constant

**Answer:** B

#### NEW QUESTION 38

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+

**Answer:** A

#### NEW QUESTION 43

After configuring IP networking on a newly commissioned server, a server administrator installs a straight- through network cable from the patch panel to the switch. The administrator then returns to the server to test network connectivity using the ping command. The partial output of the ping and ipconfig commands are displayed below:

```
ipconfig/all

IPv4 address: 192.168.1.5
Subnet mask: 255.255.255.0
Default gateway: 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: Request timed out
Reply from 192.168.1.2: Request timed out
Reply from 192.168.1.2: Request timed out
Reply from 192.168.1.2: Request timed out
```

The administrator returns to the switch and notices an amber link light on the port where the server is connected. Which of the following is the MOST likely reason for the lack of network connectivity?

- A. Network port security
- B. An improper VLAN configuration
- C. A misconfigured DHCP server
- D. A misconfigured NIC on the server

**Answer:** D

#### NEW QUESTION 47

A technician has been asked to check on a SAN. Upon arrival, the technician notices the red LED indicator shows a disk has failed. Which of the following should the technician do NEXT, given the disk is hot swappable?

- A. Stop sharing the volume
- B. Replace the disk
- C. Shut down the SAN
- D. Stop all connections to the volume

**Answer:** B

#### NEW QUESTION 52

Winch of the following is a type of replication in which all files are replicated, all the time?

- A. Constant
- B. Application consistent
- C. Synthetic full
- D. Full

**Answer:** A

#### NEW QUESTION 56

A server administrator mounted a new hard disk on a Linux system with a mount point of /newdisk. It was later determined that users were unable to create directories or files on the new mount point. Which of the following commands would successfully mount the drive with the required parameters?

- A. echo /newdisk >> /etc/fstab
- B. net use /newdisk
- C. mount -o remount, rw /newdisk
- D. mount -a

**Answer:** C

#### NEW QUESTION 58

A server has experienced several component failures. To minimize downtime, the server administrator wants to replace the components while the server is running. Which of the following can MOST likely be swapped out while the server is still running? (Select TWO).



- A. The power supply
- B. The CPU
- C. The hard drive
- D. The GPU
- E. The cache
- F. The RAM

**Answer:** CD

#### NEW QUESTION 60

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

#### NEW QUESTION 63

A server administrator receives a report that Ann, a new user, is unable to save a file to her home directory on a server. The administrator checks Ann's home directory permissions and discovers the following:

dr-xr-xr-- /home/Ann

Which of the following commands should the administrator use to resolve the issue without granting unnecessary permissions?

- A. `chmod777/home/Ann`
- B. `chmod666/home/Ann`
- C. `chmod711/home/Ann`
- D. `chmod754/home/Ann`

**Answer:** D

#### NEW QUESTION 68

A server is performing slowly, and users are reporting issues connecting to the application on that server. Upon investigation, the server administrator notices several unauthorized services running on that server that are successfully communicating to an external site. Which of the following are MOST likely causing the issue?

(Choose two.)

- A. Adware is installed on the users' devices
- B. The firewall rule for the server is misconfigured
- C. The server is infected with a virus
- D. Intrusion detection is enabled on the network
- E. Unnecessary services are disabled on the server
- F. SELinux is enabled on the server

**Answer:** AC

#### NEW QUESTION 72

Which of the following will correctly map a script to a home directory for a user based on username?

- A. `\\server\users$username`
- B. `\\server\%username%`
- C. `\\server\FirstInitialLastName`
- D. `\\server$username$`

**Answer:** B

#### NEW QUESTION 76

An administrator needs three distinct security zones in a company's network. Which of the following is the administrator MOST likely to implement?

- A. Host-based firewalls
- B. A Layer 3 firewall
- C. A web application firewall
- D. A circuit-based firewall

**Answer:** B

#### NEW QUESTION 78

Which of the following would be BEST to help protect an organization against social engineering?

- A. More complex passwords
- B. Recurring training and support
- C. Single sign-on
- D. An updated code of conduct to enforce social media

**Answer:** D

#### NEW QUESTION 79

Which of the following BEST describes a disaster recovery site with a target storage array that receives replication traffic and servers that are only powered on in the event of a disaster?

- A. Cloud
- B. Cold
- C. Hot
- D. Warm

**Answer:** C

#### NEW QUESTION 84

A large number of connections to port 80 is discovered while reviewing the log files on a server. The server is not functioning as a web server. Which of the following represent the BEST immediate actions to prevent unauthorized server access? (Choose two.)

- A. Audit all group privileges and permissions
- B. Run a checksum tool against all the files on the server
- C. Stop all unneeded services and block the ports on the firewall
- D. Initialize a port scan on the server to identify open ports
- E. Enable port forwarding on port 80
- F. Install a NIDS on the server to prevent network intrusions

**Answer:** AD

#### NEW QUESTION 87

A technician is attempting to update a server's firmware. After inserting the media for the firmware and restarting the server, the machine starts normally into the OS. Which of the following should the technician do NEXT to install the firmware?

- A. Press F8 to enter safe mode
- B. Boot from the media
- C. Enable HIDS on the server
- D. Log in with an administrative account

**Answer:** B

#### NEW QUESTION 92

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.
- B. error is a predictive failure notice
- C. The drive will fail in the near future and should be replaced at the next earliest time possible
- D. A S.M.A.R.
- E. error is a write operation error
- F. It has detected that the write sent to the drive was incorrectly formatted and has requested a retransmission of the write from the controller
- G. A S.M.A.R.
- H. error is simply a bad sector
- I. The drive has marked the sector as bad and will continue to function properly
- J. A S.M.A.R.
- K. error is an ECC error
- L. Due to error checking and correcting, the drive has corrected the missing bit and completed the write operation correctly.

**Answer:** C

#### NEW QUESTION 97

Which of the following backup types only records changes to the data blocks on a virtual machine?

- A. Differential
- B. Snapshot
- C. Incremental
- D. Synthetic full

**Answer:** C

#### NEW QUESTION 101

Which of the following access control methodologies can be described BEST as allowing a user the least access based on the jobs the user needs to perform?

- A. Scope-based
- B. Role-based
- C. Location-based
- D. Rule-based

**Answer:** B

#### NEW QUESTION 105

A company's IDS has identified outbound traffic from one of the web servers coming over port 389 to an outside address. This server only hosts websites. The



company's SOC administrator has asked a technician to harden this server. Which of the following would be the BEST way to complete this request?

- A. Disable port 389 on the server
- B. Move traffic from port 389 to port 443
- C. Move traffic from port 389 to port 637
- D. Enable port 389 for web traffic

**Answer:** C

#### NEW QUESTION 107

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.

**Answer:** D

#### NEW QUESTION 112

Due to a recent application migration, a company's current storage solution does not meet the necessary requirements for hosting data without impacting performance when the data is accessed in real time by multiple users. Which of the following is the BEST solution for this Issue?

- A. Install local external hard drives for affected users.
- B. Add extra memory to the server where data is stored.
- C. Compress the data to increase available space.
- D. Deploy a new Fibre Channel SAN solution.

**Answer:** D

#### NEW QUESTION 115

A storage administrator is investigating an issue with a failed hard drive. A technician replaced the drive in the storage array; however, there is still an issue with the logical volume. Which of the following best describes the NEXT step that should be completed to restore the volume?

- A. Initialize the volume
- B. Format the volume
- C. Replace the volume
- D. Rebuild the volume

**Answer:** D

#### NEW QUESTION 117

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 reseal the PCI cards.

**Answer:** C

#### NEW QUESTION 121

Which of the following is an example of load balancing?

- A. Round robin
- B. Active-active
- C. Active-passive
- D. Failover

**Answer:** A

#### NEW QUESTION 126

Which of the following tools will analyze network logs in real time to report on suspicious log events?

- A. Syslog
- B. DLP
- C. SIEM
- D. HIPS

**Answer:** C

#### NEW QUESTION 128

An administrator recommends using a tower server in a small remote office. Which of the following should be added to the server to ensure continuous server

operation?

- A. Surge protector
- B. PDU
- C. UPS
- D. Ground strap

**Answer:** C

#### NEW QUESTION 130

A company wants to deploy software to all users, Out very few of men will be using the software at any one point in time. Which of the following licensing models would be BEST lot the company?

- A. Per site
- B. Per concurrent user
- C. Per core
- D. Per instance

**Answer:** B

#### NEW QUESTION 132

A technician is configuring a server that requires secure remote access. Which of the following ports should the technician use?

- A. 21
- B. 22
- C. 23
- D. 443

**Answer:** D

#### NEW QUESTION 133

A server administrator is completing an OS installation for a new server. The administrator patches the server with the latest vendor-suggested software, configures DHCP, and verifies all network cables are properly connected in the IDF, but there is no network connectivity. Which of the following is the MOST likely reason for the lack of connectivity?

- A. The VLAN Is improperly configured.
- B. The DNS configuration Is invalid.
- C. The OS version is not compatible with the network switch vendor.
- D. The HIDS is preventing the connection.

**Answer:** A

#### NEW QUESTION 138

A server technician is configuring the IP address on a newly installed server. The documented configuration specifies using an IP address of 10.20.10.15 and a default gateway of 10.20.10.254. Which of the following subnet masks would be appropriate for this setup?

- A. 255.255.255.0
- B. 255.255.255.128
- C. 255.255.255.240
- D. 255.255.255.254

**Answer:** D

#### NEW QUESTION 139

An administrator is configuring a server that will host a high-performance financial application. Which of the following disk types will serve this purpose?

- A. SAS SSD
- B. SATA SSD
- C. SAS drive with 10000rpm
- D. SATA drive with 15000rpm

**Answer:** A

#### NEW QUESTION 141

The Chief Information Officer (CIO) of a datacenter is concerned that transmissions from the building can be detected from the outside. Which of the following would resolve this concern? (Choose two.)

- A. RFID
- B. Proximity readers
- C. Signal blocking
- D. Camouflage
- E. Reflective glass
- F. Bollards

**Answer:** AB

**Explanation:**

RFID is an acronym for “radio-frequency identification” and refers to a technology whereby digital data encoded in RFID tags or smart labels (defined below) are captured by a reader via radio waves.

Proximity readers work by constantly emitting a short range radio frequency (RF) field. When a proximity card comes within range of this field, an integrated chip within the card is powered up and the chip transmits a card number back to the reader. Not all proximity cards are born equal though, and it is important that the differences are weighed up when making a decision about which technology to adopt.

#### NEW QUESTION 144

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

**Answer:** CD

#### NEW QUESTION 147

A USB drive has been purchased to move files between Windows, \*nix, and Macintosh servers. Which of the following filesystems is the BEST choice to ensure the drive can read and be written to by all of the servers?

- A. ext2
- B. FAT32
- C. NTFS
- D. UFS

**Answer:** B

#### NEW QUESTION 149

Which of the following relates to how much data loss a company agrees to tolerate in the event of a disaster?

- A. RTO
- B. MTBF
- C. PRO
- D. MTTR

**Answer:** A

#### NEW QUESTION 150

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.

**Answer:** A

#### NEW QUESTION 151

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