Number: SK0-005
Passing Score: 800
Time Limit: 120 min
File Version: 1.0

Website: https://vceplus.com - https://vceplus.co
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SK0-005

CompTIA Server+ Certification Exam

Version 1.0

Exam A

QUESTION 1

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
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2 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

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4 A user cannot save large files to a directory on a Linux server that was accepting smaller files a few minutes ago. Which of the following commands should a technician use to identify the issue?

A. `pvdisplay`
B. `mount`
C. `df -h`
D. `fdisk -l`

Correct Answer: C
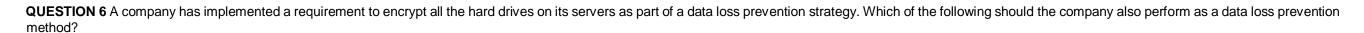**Section: (none)**
Explanation

Explanation/Reference:

QUESTION 5
Following a recent power outage, a server in the datacenter has been constantly going offline and losing its configuration. Users have been experiencing access issues while using the application on the server. The server technician notices the data and time are incorrect when the server is online. All other servers are working. Which of the following would MOST likely cause this issue? (Choose two.)

A. The server has a faulty power supply
B. The server has a CMOS battery failure
C. The server requires OS updates
D. The server has a malfunctioning LED panel
E. The servers do not have NTP configured
F. The time synchronization service is disabled on the servers

Correct Answer: CF
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6 A company has implemented a requirement to encrypt all the hard drives on its servers as part of a data loss prevention strategy. Which of the following should the company also perform as a data loss prevention method?

A. Encrypt all network traffic
B. Implement MFA on all the servers with encrypted data
C. Block the servers from using an encrypted USB
D. Implement port security on the switches

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
A systems administrator is setting up a server on a LAN that uses an address space that follows the RFC 1918 standard. Which of the following IP addresses should the administrator use to be in compliance with the standard?
A. 11.251.196.241

B. 171.245.198.241
C. 172.16.19.241
D. 193.168.145.241

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://whatis.techtarget.com/definition/RFC-1918

QUESTION 8 An administrator needs to perform bare-metal maintenance on a server in a remote datacenter. Which of the following should the administrator use to access the server's console?

A. IP KVM
B. VNC
C. A crash cart
D. RDP
E. SSH

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://phoenixnap.com/blog/what-is-bare-metal-server

QUESTION 9
A technician needs to provide a VM with high availability. Which of the following actions should the technician take to complete this task as efficiently as possible?

A. Take a snapshot of the original VM
B. Clone the original VM
C. Convert the original VM to use dynamic disks
D. Perform a P2V of the original VM

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://forsenergy.com/en-us/virtual_help/html/1325909c-5878-4674-a152-3fd3d4e8e3c6.htm

QUESTION 10 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. `chmod 777 /home/Ann`
B. `chmod 666 /home/Ann`
C. `chmod 711 /home/Ann`
D. `chmod 754 /home/Ann`

Correct Answer: D

Section: (none)
Explanation

Explanation/Reference:
Reference: https://linuxize.com/post/what-does-chmod-777-mean/

QUESTION 11
Which of the following documents would be useful when trying to restore IT infrastructure operations after a non-planned interruption?

A. Service-level agreement
B. Disaster recovery plan
C. Business impact analysis
D. Business continuity plan

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
A systems administrator is setting up a new server that will be used as a DHCP server. The administrator installs the OS but is then unable to log on using Active Directory credentials. The administrator logs on using the local administrator account and verifies the server has the correct IP address, subnet mask, and default gateway. The administrator then gets on another server and can ping the new server. Which of the following is causing the issue?

A. Port 443 is not open on the firewall
B. The server is experiencing a downstream failure
C. The local `hosts` file is blank
D. The server is not joined to the domain

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
A systems administrator is preparing to install two servers in a single rack. The administrator is concerned that having both servers in one rack will increase the chance of power issues due to the increased load. Which of the following should the administrator implement FIRST to address the issue?

A. Separate circuits
B. An uninterruptible power supply
C. Increased PDU capacity
D. Redundant power supplies

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Which of the following is a method that is used to prevent motor vehicles from getting too close to building entrances and exits?

A. Bollards
B. Reflective glass

C. Security guards
D. Security cameras

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://en.wikipedia.org/wiki/Bollard

QUESTION 15
A technician is installing a variety of servers in a rack. Which of the following is the BEST course of action for the technician to take while loading the rack?

A. Alternate the direction of the airflow
B. Install the heaviest server at the bottom of the rack
C. Place a UPS at the top of the rack
D. Leave 1U of space between each server

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/windows-server/remote/remote-access/ras/manage-remote-clients/install/step-1-configure-the-remote-access-infrastructure

QUESTION 17 A server administrator is using remote access to update a server. The administrator notices numerous error messages when using YUM to update the applications on a server. Which of the following should the administrator check FIRST?

A. Network connectivity on the server
B. LVM status on the server
C. Disk space in the `/var` directory
D. YUM dependencies

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/system_administrators_guide/ch-yum

QUESTION 18
Which of the following is an example of load balancing?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
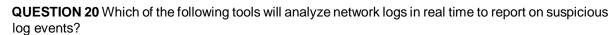Reference: https://simplicable.com/new/load-balancing

QUESTION 19 Which of the following is the MOST appropriate scripting language to use for a logon script for a Linux box?

A. VBS
B. Shell
C. Java
D. PowerShell
E. Batch

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://redmondmag.com/articles/2016/02/09/logon-scripts-for-active-directory.aspx

QUESTION 20 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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.manageengine.com/products/eventlog/syslog-server.html

QUESTION 21 Which of the following will correctly map a script to a home directory for a user based on username?

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

Correct Answer: B
Section: (none)

Explanation
Explanation/Reference:
Reference:
https://social.technet.microsoft.com/Forums/windows/en-US/07cfcb73-796d-48aa-96a9-08280a1ef25a/mapping-home-directory-with-username-variable?forum=w7itprogeneral

QUESTION 22 A server that recently received hardware upgrades has begun to experience random BSOD conditions. Which of the following are likely causes of the issue?
(Choose two.)

A. Faulty memory
B. Data partition error
C. Incorrectly seated memory
D. Incompatible disk speed
E. Uninitialized disk
F. Overallocated memory

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://www.csoonline.com/article/3400836/what-is-pki-and-how-it-secures-just-about-everything-online.html

QUESTION 24
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
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`

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://unix.stackexchange.com/questions/149399/how-to-remount-as-read-write-a-specific-mount-of-device

QUESTION 26 Which of the following BEST describes the concept of right
to downgrade?

A. It allows for the return of a new OS license if the newer OS is not compatible with the currently installed software and is returning to the previously used OS
B. It allows a server to run on fewer resources than what is outlined in the minimum requirements document without purchasing a license
C. It allows for a previous version of an OS to be deployed in a test environment for each current license that is purchasedD. It allows a previous version of an OS to be installed and covered by the same license as the newer version

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
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. 443F. 636

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://tools.cisco.com/security/center/resources/dns_best_practices

QUESTION 28 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. 443F. 636

Correct Answer: CD
Section: (none)
Explanation
Explanation/Reference:
Reference:
https://www.csoonline.com/article/3191531/securing-risky-network-ports.html

QUESTION 29
Which of the following must a server administrator do to ensure data on the SAN is not compromised if it is leaked?

A. Encrypt the data that is leaving the SAN
B. Encrypt the data at rest
C. Encrypt the host servers
D. Encrypt all the network traffic

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
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 successful. 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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
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

Correct Answer: A
Section: (none)
Explanation

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

QUESTION 33
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

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
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. 255.255.255.128C. 255.255.255.240
D. 255.255.255.254

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://www.calculator.net/ip-subnet-calculator.html?cclass=any&csubnet=30&cip=10.20.10.15&ctype=ipv4&printit=0&x=57&y=17

QUESTION 35
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36

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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37 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

Correct Answer: D
Section: (none)
Explanation

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

QUESTION 38 A technician runs `top` on a dual-core server and notes the following conditions:

```
top -- 14:32:27, 364 days, 14 users  load 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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.tecmint.com/understand-linux-load-averages-and-monitor-performance/

QUESTION 39
A technician needs to set up a server backup method for some systems. The company's management team wants to have quick restores but minimize the amount of backup media required. Which of the following are the BEST backup methods to use to support the management's priorities? (Choose two.)

A. Differential
B. Synthetic full

C. Archive
D. Full
E. Incremental
F. Open file

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41 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

Correct Answer: A
Section: (none)
Explanation

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

QUESTION 42
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
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 5C. RAID 6
D. RAID 10

Correct Answer: C
Section: (none)
Explanation

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

QUESTION 45
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
Users in an office lost access to a file server following a short power outage. The server administrator noticed the server was powered off. Which of the following should the administrator do to prevent this situation in the future?
A. Connect the server to a KVM
B. Use cable management
C. Connect the server to a redundant network
D. Connect the server to a UPS

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
Which of the following describes the installation of an OS contained entirely within another OS installation?

A. Host
B. Bridge
C. Hypervisor
D. Guest

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48 A server technician is installing a Windows server OS on a physical server. The specifications for the installation call for a 4TB data volume. To ensure the partition is available to the OS, the technician must verify the:

A. hardware is UEFI compliant
B. volume is formatted as GPT
C. volume is formatted as MBR
D. volume is spanned across multiple physical disk drives

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.hp.com/us-en/shop/tech-takes/sas-vs-sata **QUESTION 50**
Which of the following DR testing scenarios is described as verbally walking through each step of the DR plan in the context of a meeting?

A. Live failover
B. Simulated failover
C. Asynchronous
D. Tabletop

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
When configuring networking on a VM, which of the following methods would allow multiple VMs to share the same host IP address?

A. Bridged
B. NAT
C. Host only
D. vSwitch

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://www.virtualbox.org/manual/ch06.html

QUESTION 52
A technician recently upgraded several pieces of firmware on a server. Ever since the technician rebooted the server, it no longer communicates with the network. Which of the following should the technician do FIRST to return the server to service as soon as possible?

A. Replace the NIC
B. Make sure the NIC is on the HCL
C. Reseat the NIC
D. Downgrade the NIC firmware

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
A server administrator has noticed that the storage utilization on a file server is growing faster than planned. The administrator wants to ensure that, in the future, there is a more direct relationship between the number of users using the server and the amount of space that might be used. Which of the following would BEST enable this correlation?

A. Partitioning
B. Deduplication
C. Disk quotas
D. Compression

Correct Answer: C
Section: (none)
Explanation
Explanation/Reference:

QUESTION 54
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
Which of the following can be BEST described as the amount of time a company can afford to be down during recovery from an outage?

A. SLA
B. MTBF
C. RTO
D. MTTR

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://whatis.techtarget.com/definition/recovery-time-objective-RTO

QUESTION 56
Which of the following actions should a server administrator take once a new backup scheme has been configured?

A. Overwrite the backups
B. Clone the configuration
C. Run a restore test
D. Check the media integrity

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
A systems administrator is performing maintenance on 12 Windows servers that are in different racks at a large datacenter. Which of the following would allow the administrator to perform maintenance on all 12 servers without having to physically be at each server? (Choose two.)

A. Remote desktop
B. IP KVM
C. A console connection
D. A virtual administration console
E. Remote drive access
F. A crash cart

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.blackbox.be/en-be/page/27559/Resources/Technical-Resources/Black-Box-Explains/kvm/Benefits-of-using-KVM-over-IP

QUESTION 58
A server administrator is experiencing difficulty configuring MySQL on a Linux server. The administrator issues the `getenforce` command and receives the following output:

```
># Enforcing
```

Which of the following commands should the administrator issue to configure MySQL successfully?

A. `setenforce 0`
B. `setenforce permissive`
C. `setenforce 1`
D. `setenforce disabled`

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://blogs.oracle.com/mysql/selinux-and-mysql-v2

QUESTION 59 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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://searchdatabackup.techtarget.com/definition/incremental-backup

QUESTION 60 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
Section: (none)
Explanation

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

QUESTION 61 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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
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

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
A server administrator was asked to build a storage array with the highest possible capacity. Which of the following RAID levels should the administrator choose?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.thinkmate.com/inside/articles/what-is-raid

QUESTION 64
A technician needs to deploy an operating system that would optimize server resources. Which of the following server installation methods would BEST meet this requirement?

A. Full
B. Bare metal
C. Core
D. GUI

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/windows-server/administration/performance-tuning/hardware/

QUESTION 65

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://www.auditmypc.com/tcp-port-637.asp
https://docs.microsoft.com/en-us/answers/questions/66908/is-port-389-on-ad-in-anyway-used-or-required-when.html

QUESTION 66 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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://www.onelogin.com/learn/how-single-sign-on-works

QUESTION 69 A server administrator needs to check remotely for unnecessary running services across 12 servers. Which of the following tools should the administrator use?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://www.getsafeonline.org/business/articles/unnecessary-services/

QUESTION 70 A company is building a new datacenter next to a busy parking lot. Which of the following is the BEST strategy to ensure wayward vehicle traffic does not interfere with datacenter operations?

A. Install security cameras
B. Utilize security guards
C. Install bollards
D. Install a mantrap

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 71 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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
QUESTION 72 Network connectivity to a server was lost when it was pulled from the rack during maintenance. Which of the following should the server administrator use to prevent this situation in the future?

A. Cable management
B. Rail kits
C. A wireless connection
D. A power distribution unit

Correct Answer: A

Explanation/Reference:

QUESTION 73 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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
A datacenter technician is attempting to troubleshoot a server that keeps crashing. The server runs normally for approximately five minutes, but then it crashes. After restoring the server to operation, the same cycle repeats. The technician confirms none of the configurations have changed, and the load on the server is steady from power-on until the crash. Which of the following will MOST likely resolve the issue?

A. Reseating any expansion cards in the server
B. Replacing the failing hard drive
C. Reinstalling the heat sink with new thermal paste
D. Restoring the server from the latest full backup

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
A server administrator is exporting Windows system files before patching and saving them to the following location:

`\\server1\ITDept\`

Which of the following is a storage protocol that the administrator is MOST likely using to save this data?

A. eSATA
B. FCoE
C. CIFS
D. SAS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 76
A server technician has received reports of database update errors. The technician checks the server logs and determines the database is experiencing synchronization errors. To attempt to correct the errors, the technician should FIRST ensure:

A. the correct firewall zone is active
B. the latest firmware was applied
C. NTP is running on the database system
D. the correct dependencies are installed

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
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: A
Section: (none)
Explanation

Explanation/Reference:
Reference:
https://www.redhat.com/en/topics/data-storage/network-attached-storage

QUESTION 78
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

Correct Answer: D
Section: (none)
Explanation

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

QUESTION 79
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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference:

QUESTION 80
A server administrator has been creating new VMs one by one. The administrator notices the system requirements are very similar, even with different applications. Which of the following would help the administrator accomplish this task in the SHORTEST amount of time and meet the system requirements?

A. Snapshot
B. Deduplication
C. System Restore
D. Template

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
Which of the following steps in the troubleshooting theory should be performed after a solution has been implemented? (Choose two.)

A. Perform a root cause analysis
B. Develop a plan of action
C. Document the findings
D. Escalate the issue
E. Scope the issue
F. Notify the users

Correct Answer: CF
Section: (none)
Explanation

Explanation/Reference: