

## SK0-005 Dumps

### CompTIA Server+ Certification Exam

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**NEW QUESTION 1**

A server technician installs a new NIC on a server and configures the NIC for IP connectivity. The technician then tests the connection using the ping command. Given the following partial output of the ping and ipconfig commands:

```
ipconfig /all

IPv4 address: 192.168.1.5
Subnet mask: 255.255.255.0
Default gateway: 192.168.1.1

pinging 192.168.1.1 with 32 bytes of data:

Request timed out
Reply from 192.168.1.1: bytes=32 time<1ms TTL=128
Request timed out
Reply from 192.168.1.1: bytes=32 time<1ms TTL=128
```

Which of the following caused the issue?

- A. Duplicate IP address
- B. Incorrect default gateway
- C. DHCP misconfiguration
- D. Incorrect routing table

**Answer:** A

**NEW QUESTION 2**

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 3**

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 4**

A server administrator added a new drive to a server. However, the drive is not showing up as available. Which of the following does the administrator need to do to make the drive available?

- A. Partition the drive.
- B. Create a new disk quota.
- C. Configure the drive as dynamic.
- D. Set the compression.

**Answer:** C

**NEW QUESTION 5**

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 6**

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

**Answer: C**

**NEW QUESTION 7**

An administrator needs to disable root login over SSH. Which of the following files should be edited to complete this task?

- A. /root.ssh/sshd/config
- B. /etc.ssh/sshd\_config
- C. /root/.ssh/ssh\_config
- D. /etc.sshs\_shd\_config

**Answer: B**

**NEW QUESTION 8**

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 9**

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 10**

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 10**

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

**Answer: A**

**NEW QUESTION 13**

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

**Answer: C**

**NEW QUESTION 16**

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

**Answer: D**

**NEW QUESTION 17**

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

**Answer: D**

**NEW QUESTION 21**

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 22**

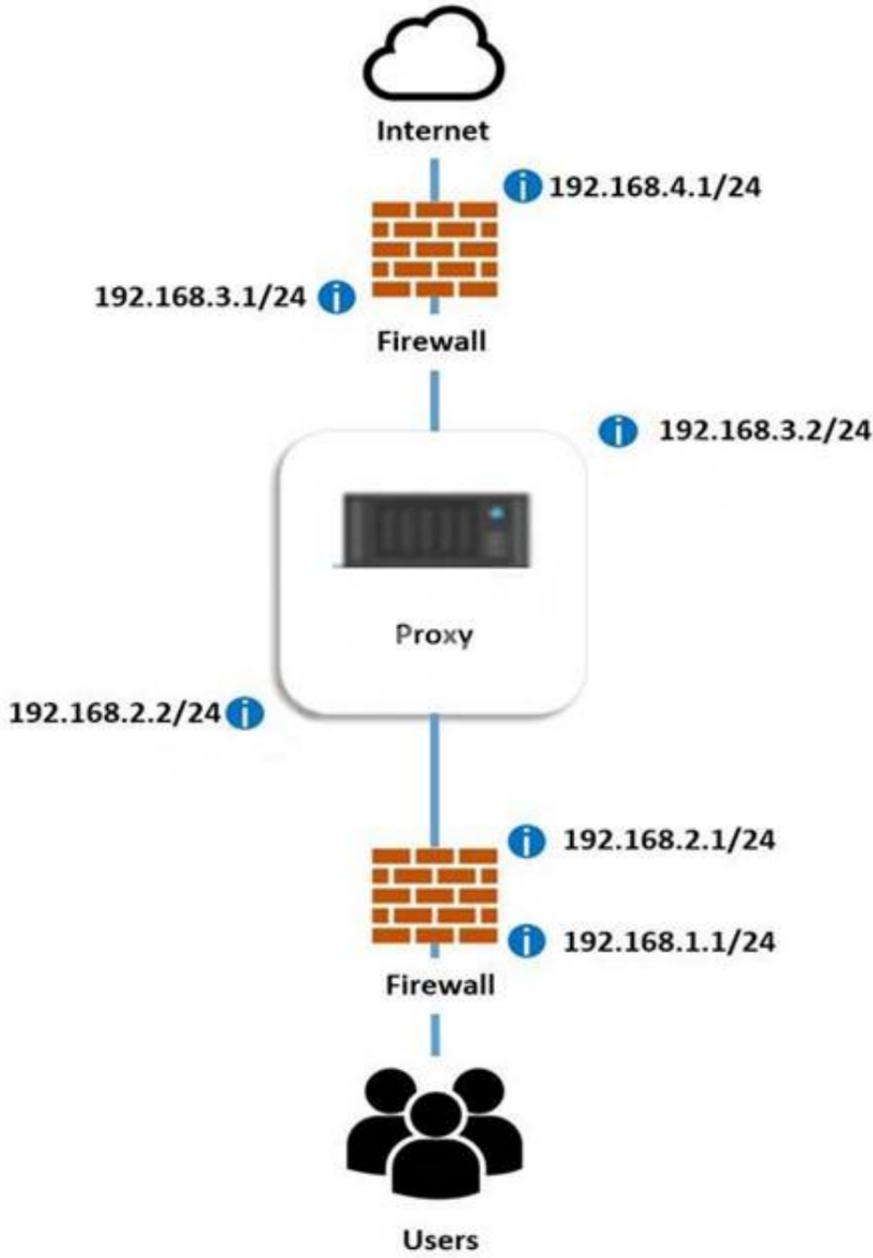
A systems administrator deployed a new web proxy server onto the network. The proxy server has two interfaces: the first is connected to an internal corporate firewall, and the second is connected to an internet-facing firewall. Many users at the company are reporting they are unable to access the Internet since the new proxy was introduced. Analyze the network diagram and the proxy server's host routing table to resolve the Internet connectivity issues.

**INSTRUCTIONS**

Perform the following steps:

- \* 1. Click on the proxy server to display its routing table.
- \* 2. Modify the appropriate route entries to resolve the Internet connectivity issue.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.



Proxy Server Routing Table			
Destination	Netmask	Gateway	Interface
0.0.0.0	0.0.0.0	192.168.3.0	192.168.4.1
		192.168.4.0	192.168.1.1
		192.168.1.1	192.168.3.0
		192.168.2.0	192.168.1.0
		192.168.1.0	192.168.2.2
		192.168.4.1	0.0.0.0
		192.168.2.1	192.168.3.1
		0.0.0.0	255.255.255.0
		192.168.3.1	192.168.3.2
		255.255.255.0	192.168.4.0
		192.168.3.2	192.168.2.1
		192.168.2.2	192.168.2.0
		192.168.1.0	255.255.255.0
192.168.4.0	192.168.1.1		
192.168.1.1	192.168.3.0		
192.168.2.0	192.168.1.0		
192.168.1.0	192.168.2.2		
192.168.4.1	0.0.0.0		
192.168.2.1	192.168.3.1		
0.0.0.0	255.255.255.0		
192.168.3.1	192.168.3.2		
255.255.255.0	192.168.4.0		
192.168.3.2	192.168.2.1		
192.168.2.2	192.168.2.0		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Proxy Server Routing Table			
Destination	Netmask	Gateway	Interface
0.0.0.0	0.0.0.0	192.168.3.0	192.168.4.1
		192.168.4.0	192.168.1.1
		192.168.1.1	192.168.3.0
		192.168.2.0	192.168.1.0
		192.168.1.0	192.168.2.2
		192.168.4.1	0.0.0.0
		192.168.2.1	192.168.3.1
		0.0.0.0	255.255.255.0
		192.168.3.1	192.168.3.2
		255.255.255.0	192.168.4.0
		192.168.3.2	192.168.2.1
		192.168.2.2	192.168.2.0
		192.168.1.0	255.255.255.0
192.168.4.0	192.168.1.1		
192.168.1.1	192.168.3.0		
192.168.2.0	192.168.1.0		
192.168.1.0	192.168.2.2		
192.168.4.1	0.0.0.0		
192.168.2.1	192.168.3.1		
0.0.0.0	255.255.255.0		
192.168.3.1	192.168.3.2		
255.255.255.0	192.168.4.0		
192.168.3.2	192.168.2.1		
192.168.2.2	192.168.2.0		

**NEW QUESTION 26**

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.

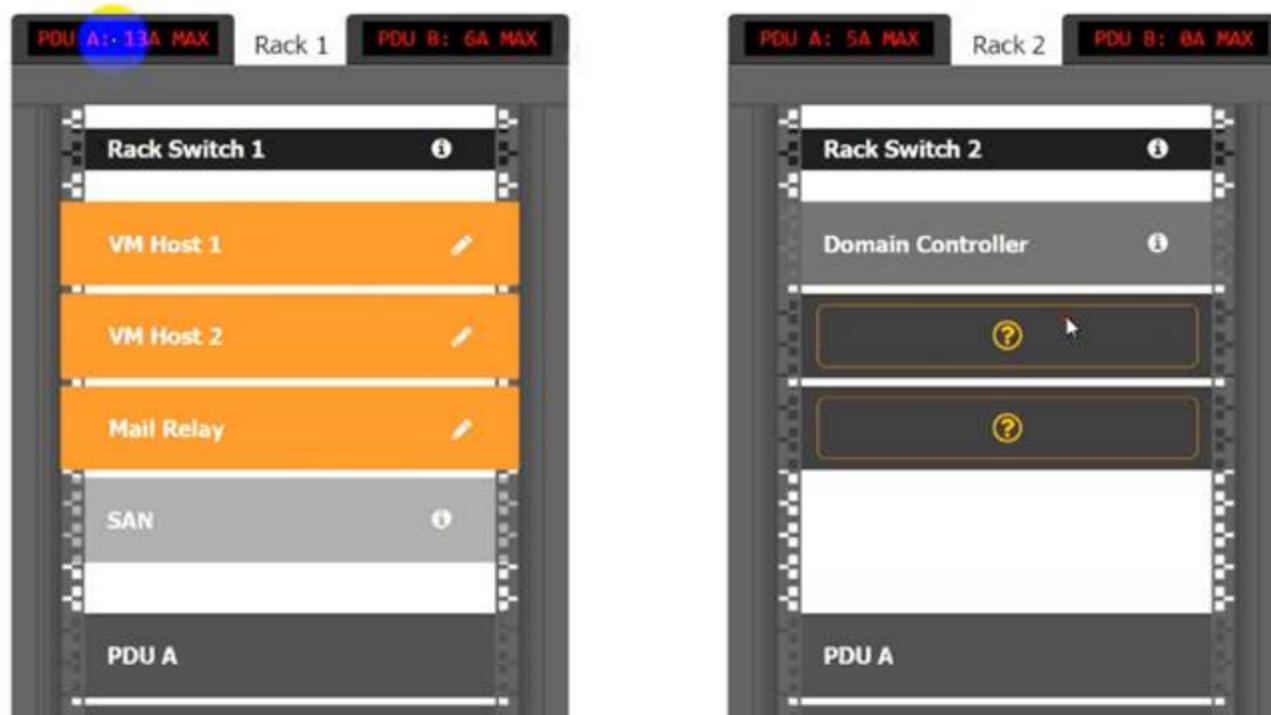
**INSTRUCTIONS**

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 29**

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

**Answer: C**

**NEW QUESTION 34**

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

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

**Answer: D**

**NEW QUESTION 36**

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

**Answer: B**

**NEW QUESTION 38**

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 39**

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 41**

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
```

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 43**

Which of the following allows for a connection of devices to both sides inside of a blade enclosure?

- A. Midplane
- B. Active backplane
- C. Passive backplane
- D. Management module

**Answer:** A

**NEW QUESTION 45**

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 47**

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 5
- C. RAID 6
- D. RAID 10

**Answer:** C

**NEW QUESTION 48**

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

**Answer:** A

**NEW QUESTION 52**

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 55**

A snapshot is a feature that can be used in hypervisors to:

- A. roll back firmware updates.
- B. restore to a previous version.
- C. roll back application drivers.
- D. perform a backup restore.

**Answer:** D

**Explanation:**

Hypervisor-based snapshots provide a way to take an image copy of a virtual machine (VM), either to access and restore individual files, provide a rollback point to restore the VM, or to clone the VM to another virtual machine.

**NEW QUESTION 60**

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 61**

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 62**

Users are experiencing issues when trying to access resources on multiple servers. The servers are virtual and run on an ESX server. A systems administrator is investigating but is unable to connect to any of the virtual servers. When the administrator connects to the host, a purple screen with white letters appears. Which of the following troubleshooting steps should the administrator perform FIRST?

- A. Check the power supplies
- B. Review the log files.
- C. Reinstall the ESX server.
- D. Reseat the processors.

**Answer:** B

**NEW QUESTION 66**

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 68**

A server administrator needs to deploy five VMs, all of which must have the same type of configuration. Which of the following would be the MOST efficient way to perform this task?

- A. Snapshot a VM.
- B. Use a physical host.
- C. Perform a P2V conversion.
- D. Use a VM template.

**Answer:** D

**Explanation:**

Deploying a virtual machine from a template creates a virtual machine that is a copy of the template. The new virtual machine has the virtual hardware, installed software, and other properties that are configured for the template.

**NEW QUESTION 72**

A server administrator needs to create a new folder on a file server that only specific users can access. Which of the following BEST describes how the server administrator can accomplish this task?

- A. Create a group that includes all users and assign it to an ACL.
- B. Assign individual permissions on the folder to each user.
- C. Create a group that includes all users and assign the proper permissions.
- D. Assign ownership on the folder for each user.

**Answer:** C

**Explanation:**

The top portion of the dialog box lists the users and/or groups that have access to the file or folder.

**NEW QUESTION 73**

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 78**

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

**Answer:** B

**NEW QUESTION 82**

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

- A. Per socket
- B. Perpetual
- C. Subscription-based
- D. Site-based

**Answer:** C

**NEW QUESTION 85**

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

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

**Answer:** B

**NEW QUESTION 88**

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 89**

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 94**

Which of the following is the BEST action to perform before applying patches to one of the hosts in a high availability cluster?

- A. Disable the heartbeat network.
- B. Fallback cluster services.
- C. Set the cluster to active-active.
- D. Failover all VMs.

**Answer:** B

**NEW QUESTION 95**

Users have noticed a server is performing below Baseline expectations. While diagnosing the server, an administrator discovers disk drive performance has degraded. The administrator checks the diagnostics on the RAID controller and sees the battery on the 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 99**

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

**Answer:** A

**NEW QUESTION 103**

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