

CompTIA

Exam Questions 220-1202

CompTIA A+ Certification Exam: Core 2



NEW QUESTION 1

The screen of a previously working computer repeatedly displays an OS Not Found error message when the computer is started. Only a USB drive, a keyboard, and a mouse are plugged into the computer. Which of the following should a technician do first?

- A. Run data recovery tools on the disk
- B. Partition the disk using the GPT format
- C. Check boot options
- D. Switch from UEFI to BIOS

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

An "OS Not Found" error typically indicates that the computer is attempting to boot from a drive that doesn't contain a valid operating system or bootable partition. The presence of a USB drive might be confusing the boot order. Therefore, the first step a technician should take is to verify and adjust the boot sequence in the system's firmware (BIOS or UEFI). It's possible that the USB drive is being prioritized over the internal hard drive, which may cause the system to miss the OS entirely.

* A. Running data recovery tools is premature before confirming boot order.

* B. Repartitioning the disk would destroy existing data—this should not be done until confirmed the OS is actually missing.

* D. Switching between UEFI and BIOS (legacy mode) might help in rare cases, but it is not the first step in standard OS boot issue troubleshooting.

Reference:

CompTIA A+ 220-1102 Objective 1.7: Troubleshoot common operating system problems. Study Guide Section: Boot process and boot order configuration.

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NEW QUESTION 2

Recently, the number of users sharing smartphone passcodes has increased. The management team wants a technician to deploy a more secure screen lock method. Which of the following technologies should the technician use?

- A. Pattern lock
- B. Facial recognition
- C. Device encryption
- D. Multifactor authentication

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Facial recognition is a biometric authentication method that ties access to a unique physical feature of the user. Unlike passcodes or pattern locks—which can be easily shared—facial recognition provides a more secure and non-transferable form of access. It also enhances user convenience and is widely supported by modern smartphones.

* A. Pattern locks can still be shared and are less secure.

* C. Device encryption protects data but does not prevent screen access if a passcode is shared.

* D. Multifactor authentication typically applies to app or account access, not basic phone unlocking.

Reference:

CompTIA A+ 220-1102 Objective 2.2: Compare and contrast common security measures and authentication technologies.

Study Guide Section: Biometric screen lock technologies (e.g., facial recognition, fingerprint)

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NEW QUESTION 3

A technician is attempting to join a workstation to a domain but is receiving an error message stating the domain cannot be found. However, the technician is able to ping the server and access the internet. Given the following information:

? IP Address – 192.168.1.210

? Subnet Mask – 255.255.255.0

? Gateway – 192.168.1.1

? DNS1 – 8.8.8.8

? DNS2 – 1.1.1.1

? Server – 192.168.1.10

Which of the following should the technician do to fix the issue?

- A. Change the DNS settings.
- B. Assign a static IP address.
- C. Configure a subnet mask.
- D. Update the default gateway.

Answer: A

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

The issue described—“domain cannot be found” despite the ability to ping the server and access the internet—indicates a DNS resolution problem, not a network connectivity issue. The workstation is currently using public DNS servers (8.8.8.8 and 1.1.1.1) which cannot resolve internal domain names, such as the ones used in Active Directory environments. To resolve this, the technician needs to change the DNS settings to point to the internal DNS server, which in most domain setups is the domain controller itself (likely 192.168.1.10 in this case).

Here's the breakdown of the incorrect options:

? B. Assign a static IP address: The IP is already assigned and functioning; the device can ping and reach the network and internet.

? C. Configure a subnet mask: The subnet mask is appropriate for the network range (Class C /24).

? D. Update the default gateway: The gateway is valid and allows internet access; this is not the issue.

CompTIA A+ 220-1102 Core 2 Objective Reference:

Objective 1.8 – Given a scenario, use features and tools of the operating system. Under this objective, candidates must know how to troubleshoot OS-based

network configurations, including proper DNS settings in domain environments.

NEW QUESTION 4

Which of the following describes an attack in which an attacker sets up a rogue AP that tricks users into connecting to the rogue AP instead of the legitimate network?

- A. Stalkerware
- B. Evil twin
- C. Tailgating
- D. Shoulder surfing

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

An evil twin is a rogue wireless access point set up to mimic a legitimate Wi-Fi network. Unsuspecting users may connect to it, giving attackers the opportunity to intercept traffic, steal credentials, or install malware. The evil twin often uses the same SSID as the real network to fool users.

- * A. Stalkerware is spyware installed to track user activity, typically on personal devices.
- * C. Tailgating is a physical security breach involving unauthorized entry behind someone with access.
- * D. Shoulder surfing involves observing a person entering confidential data, such as PINs or passwords.

Reference:

CompTIA A+ 220-1102 Objective 2.3: Compare and contrast social engineering and wireless attacks.

Study Guide Section: Wireless threats — rogue APs and evil twin scenarios

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NEW QUESTION 5

A small office reported a phishing attack that resulted in a malware infection. A technician is investigating the incident and has verified the following:

All endpoints are updated and have the newest EDR signatures.

Logs confirm that the malware was quarantined by EDR on one system. The potentially infected machine was reimaged.

Which of the following actions should the technician take next?

- A. Install network security tools to prevent downloading infected files from the internet
- B. Discuss the cause of the issue and educate the end user about security hygiene
- C. Flash the firmware of the router to ensure the integrity of network traffic
- D. Suggest alternate preventative controls that would include more advanced security software

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

After containment and remediation, one of the final steps in incident response is user education. Since the root cause was a phishing attack, it is essential to educate users about identifying phishing attempts, safe browsing practices, and how to handle suspicious communications. This improves overall security posture and helps prevent future incidents.

- * A. Installing additional tools may be helpful but is a long-term step.
- * C. Flashing router firmware is not warranted unless the network hardware is known to be compromised.
- * D. Suggesting more advanced tools might be excessive given that the EDR successfully contained the incident.

Reference:

CompTIA A+ 220-1102 Objective 2.5: Given a scenario, detect, remove, and prevent malware using appropriate tools and methods.

Study Guide Section: Incident response and user education after a security event

NEW QUESTION 6

Which of the following prevents forced entry into a building?

- A. PIV card
- B. Motion-activated lighting
- C. Video surveillance
- D. Bollard

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

A bollard is a sturdy physical barrier—often a steel or concrete post—designed to prevent vehicles or unauthorized individuals from ramming into or entering secure areas of a building. It provides physical security and is commonly used outside entrances to prevent forced entry.

- * A. PIV (Personal Identity Verification) cards are used for identity access control, not physical blocking.
- * B. Motion lighting may deter activity but doesn't physically prevent entry.
- * C. Surveillance records activity but cannot stop a forced entry. Reference:

CompTIA A+ 220-1102 Objective 2.4: Compare and contrast physical security measures. Study Guide Section: Physical security devices — barriers, bollards, and deterrents

NEW QUESTION 7

Which of the following methods involves requesting a user's approval via a push notification to verify the user's identity?

- A. Call
- B. Authenticator
- C. Hardware token
- D. SMS

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Authenticator apps (e.g., Microsoft Authenticator, Google Authenticator, Duo) often support push notifications. When the user logs in, the app sends a push to their mobile device, prompting the user to approve or deny the authentication request — a common and user- friendly form of multi-factor authentication (MFA).

* A. Phone call verification is a separate method involving voice-based confirmation.

* C. Hardware tokens generate one-time codes but do not send push notifications.

* D. SMS sends a text message with a code — again, no push mechanism. Reference:

CompTIA A+ 220-1102 Objective 2.2: Compare and contrast multi-factor authentication methods.

Study Guide Section: Authentication apps and push notification verification

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NEW QUESTION 8

A technician thinks that an application a user downloaded from the internet may not be the legitimate one, even though the name is the same. The technician needs to confirm whether the application is legitimate. Which of the following should the technician do?

A. Compare the hash value from the vendor.

B. Run Task Manager and compare the process ID.

C. Run the application in safe mode.

D. Verify the file name is correct.

Answer: A

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

To ensure the authenticity of a downloaded application, the most reliable method is to verify the file's hash (e.g., SHA256, MD5) against the value provided by the legitimate

vendor. If the hash values match, the file has not been altered or tampered with. This verification confirms the integrity and authenticity of the executable.

* B. Process IDs are dynamic and not unique to specific software.

* C. Running in safe mode doesn't validate legitimacy—it only runs the app in a minimal environment.

* D. File names can be spoofed; matching the name does not prove authenticity. Reference:

CompTIA A+ 220-1102 Objective 2.2: Compare and contrast authentication and software integrity verification methods.

Study Guide Section: Hash verification for software authenticity and digital integrity

NEW QUESTION 9

A technician is deploying mobile devices and needs to prevent access to sensitive data if the devices are lost. Which of the following is the best way to prevent unauthorized access if the user is unaware that the phone is lost?

A. Encryption

B. Remote wipe

C. Geofencing

D. Facial recognition

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Remote wipe is the best option to prevent unauthorized access to data when a mobile device is lost or stolen—especially if the user is unaware of the loss. It allows administrators or mobile device management (MDM) systems to remotely erase all data on the device, rendering it unusable for unauthorized users.

* A. Encryption protects the data, but if the device remains powered and logged in, it may still be accessible.

* C. Geofencing can restrict features based on location but does not erase data.

* D. Facial recognition helps secure access but can be bypassed in some cases or fail in practical situations.

Reference:

CompTIA A+ 220-1102 Objective 2.2: Compare and contrast security measures and tools. Study Guide Section: Mobile device security (remote wipe, logout, MDM tools)

NEW QUESTION 10

Which of the following file types would a desktop support technician most likely use to automate tasks for a Windows user log-in?

A. .bat

B. .sh

C. .py

D. .js

Answer: A

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

* A .bat file (batch file) is a script file in DOS, OS/2, and Microsoft Windows. It contains a series of commands that are executed by the command-line interpreter. In Windows environments, batch files are commonly used to automate log-in tasks, such as mapping network drives, launching applications, or setting environment variables during the user's logon process.

* B. .sh is a shell script used in Linux/Unix environments.

* C. .py is a Python script, which can be used for automation but is not commonly run directly at user logon in standard Windows environments.

* D. .js is JavaScript, used mainly in web development and not for system-level scripting in Windows logon automation.

Reference:

CompTIA A+ 220-1102 Objective 1.3: Use appropriate Microsoft operating system features and tools.

Study Guide Section: Scripting basics and file types for automation — .bat for Windows

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NEW QUESTION 10

A customer is unable to open some files on their system. Each time the customer attempts to open a file, the customer receives a message that the file is encrypted. Which of the following best describes this issue?

- A. Keylogger
- B. Ransomware
- C. Phishing
- D. Cryptominer

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Ransomware is a type of malware that encrypts the user's files and demands a payment (ransom) for the decryption key. When a user receives a message stating that their files are encrypted and cannot be accessed, ransomware is the most likely cause. The attacker's goal is to hold the data hostage until the victim pays to restore access.

* A. Keylogger records keystrokes and doesn't encrypt files.

* C. Phishing is a social engineering tactic to gather credentials, not to encrypt data.

* D. Cryptominer uses system resources to mine cryptocurrency, not encrypt files. Reference:

CompTIA A+ 220-1102 Objective 2.3: Compare and contrast common types of malware and threats.

Study Guide Section: Ransomware behavior and user impact

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NEW QUESTION 14

SIMULATION

You are configuring a home network for a customer. The customer has requested the ability to access a Windows PC remotely, and needs all chat and optional functions to work in their game console.

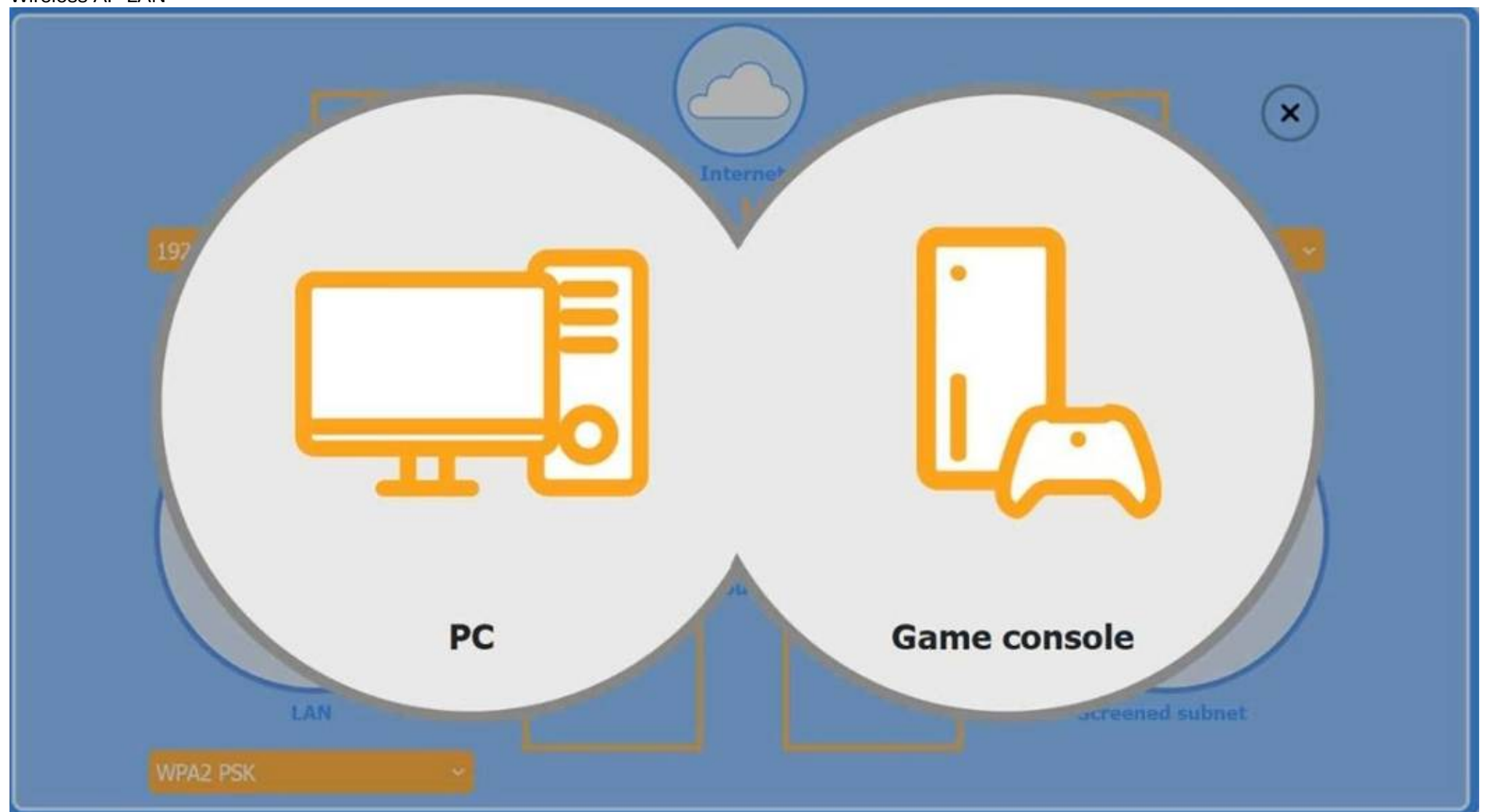
INSTRUCTIONS

Use the drop-down menus to complete the network configuration for the customer. Each option may only be used once, and not all options will be used.

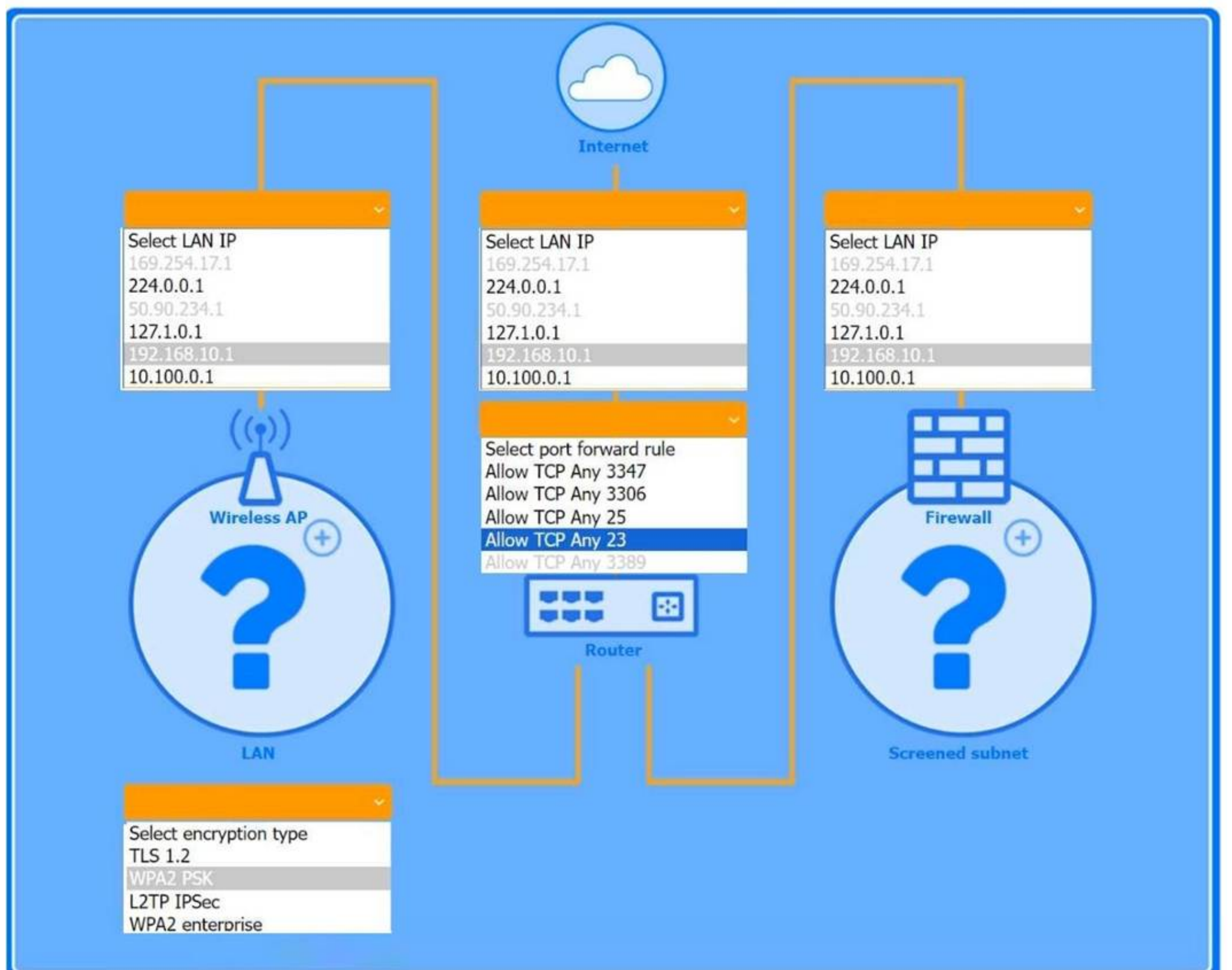
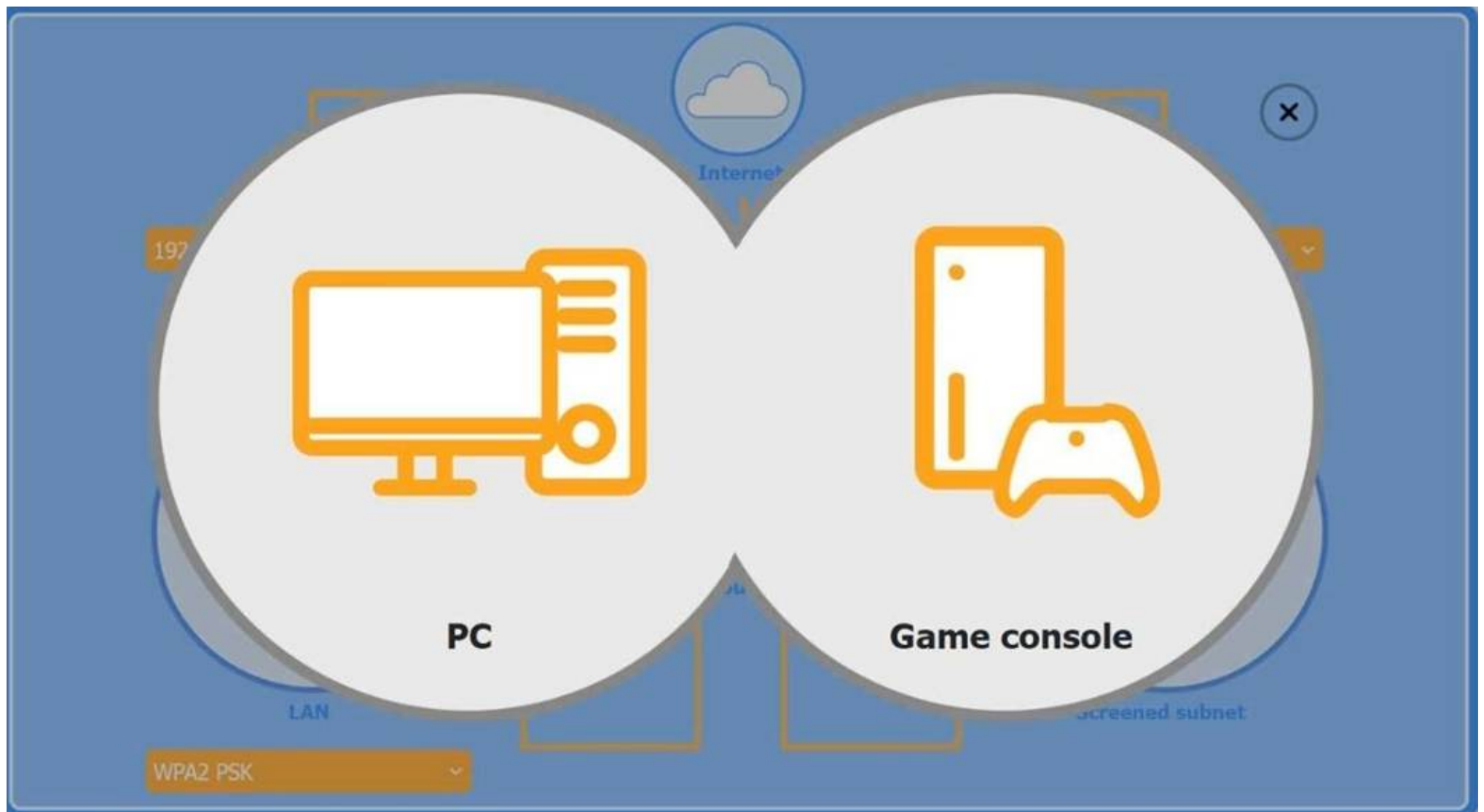
Then, click the + sign to place each device in its appropriate location.

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

Wireless AP LAN



Firewall Screened Subnet



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The completed configuration:

* 1. Wireless AP (LAN side) 1. LAN IP: 192.168.10.1

* 2. Encryption: WPA2 PSK

* 2. Router (port-forward rule)

* 1. Allow TCP Any 3389

This forwards inbound RDP traffic (TCP/3389) from the Internet to the Windows PC, enabling Remote Desktop access.

* 3. Firewall (screened subnet side) 1. LAN IP: 10.100.0.1

* 4. Device placement

* 1. PC: place behind the router (where the port-forward rule points).

* 2. Game console: place on the Wireless AP (so it can use chat and extra services over WPA2 PSK).

* 3. Firewall: place in front of the screened subnet (with its 10.100.0.1 IP facing that subnet).

? The Windows PC is placed in the screened subnet (behind the firewall) for enhanced security. Remote access to this PC requires port forwarding of TCP port 3389 (RDP), which is correctly configured through the router.

? The Game Console is placed on the Wireless AP LAN, using WPA2 PSK for a secure wireless connection. Game consoles typically use peer-to-peer chat and online services that require open access without firewall restrictions, which is why the console is not placed behind the firewall.

CompTIA A+ 220-1102 Reference Points:

? Objective 3.4: Given a scenario, implement best practices associated with data and device security.

? Objective 2.4: Given a scenario, use appropriate tools to support and configure network settings.

? Study Guide Reference: CompTIA A+ Core 2 guides recommend using screened subnets (a type of DMZ) for systems needing controlled external access, such as remote desktops, while placing gaming and media devices on less restricted networks for full functionality.

NEW QUESTION 16

Which of the following filesystem types does the Linux OS use?

A. exFAT

B. APFS

C. ext4

D. NTFS

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

The ext4 (Fourth Extended Filesystem) is the most widely used default filesystem in modern Linux distributions. It is designed for high performance, scalability, and reliability, and is supported by all mainstream Linux kernels.

* A. exFAT is used for cross-platform external drives, not native Linux systems.

* B. APFS is Apple's proprietary filesystem for macOS and iOS.

* D. NTFS is the default filesystem for Windows, not Linux. Reference:

CompTIA A+ 220-1102 Objective 1.9: Identify common features and tools of the Linux client/desktop OS.

Study Guide Section: Filesystem types in Linux — ext3, ext4, and their characteristics

NEW QUESTION 18

A technician notices that the weekly backup is taking too long to complete. The daily backups are incremental. Which of the following would most likely resolve the issue?

A. Changing the backup window

B. Performing incremental weekly backups

C. Increasing the backup storage

D. Running synthetic full weekly backups

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

A synthetic full backup combines the last full backup with subsequent incremental backups to create a new full backup without re-reading data from the source system. This method significantly reduces the backup window and network impact. It is especially useful when traditional full backups are too time-consuming.

* A. Changing the backup window only shifts timing, not duration.

* B. Incremental weekly backups would lack a proper full recovery point and aren't ideal alone.

* C. Storage space isn't the bottleneck in backup speed—it's read/write operations and network load.

Reference:

CompTIA A+ 220-1102 Objective 4.2: Summarize backup and recovery concepts.

Study Guide Section: Backup types — full, incremental, differential, and synthetic backups

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NEW QUESTION 20

Which of the following methods would make data unrecoverable but allow the drive to be repurposed?

A. Deleting the partitions

B. Implementing EFS

C. Performing a low-level format

D. Degaussing the device

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

A low-level format (also referred to as a zero-fill or full format) writes over every sector on a storage device, effectively destroying the existing data and making

recovery nearly impossible. Unlike degaussing, which renders the drive unusable, a low-level format maintains the integrity of the device, allowing it to be repurposed or reused.

- * A. Deleting partitions does not fully erase data; it only removes references in the partition table.
- * B. EFS (Encrypting File System) encrypts files but does not securely wipe them.
- * D. Degaussing destroys the magnetic structure of a drive, making it inoperable and not reusable.

Reference:

CompTIA A+ 220-1102 Objective 4.3: Given a scenario, implement basic change management best practices.

Study Guide Section: Drive sanitation methods — low-level format vs. degaussing vs. deletion

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NEW QUESTION 21

A network technician notices that most of the company's network switches are now end-of-life and need to be upgraded. Which of the following should the technician do first?

- A. Implement the change
- B. Approve the change
- C. Propose the change
- D. Schedule the change

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

The first step in the IT change management process is to identify and propose the change. In this case, the technician notices a need (end-of-life network switches), so the

appropriate action is to formally propose a change. This proposal would be documented and submitted for approval before any planning or implementation occurs.

According to the CompTIA A+ 220-1102 objectives under Operational Procedures (Domain 4.0), the change management process follows these typical steps:

? Submit a change request (Propose the change)

? Review and approval (Approve the change)

? Planning and scheduling (Schedule the change)

? Implementation

? Documentation and review

Therefore, proposing the change is the correct first step in accordance with standard ITIL-based change management practices.

Reference:

CompTIA A+ 220-1102 Objective 4.1: Given a scenario, implement best practices associated with documentation and support systems information management.

Study Guide Section: Change Management Process

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NEW QUESTION 23

Which of the following is the best reason for a network engineering team to provide a help desk technician with IP addressing information to use on workstations being deployed in a secure network segment?

- A. Only specific DNS servers are allowed outbound access.
- B. The network allow list is set to a specific address.
- C. DHCP services are not enabled for this subnet.
- D. NAC servers only allow for security updates to be installed.

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

In secure or isolated network segments, DHCP may be disabled to reduce the risk of unauthorized device connections or to maintain strict IP assignment control.

In such cases, the help desk technician must manually configure IP settings (including IP address, subnet mask, gateway, and DNS servers). This ensures the workstation communicates properly within that segment.

* A. DNS server restriction is unrelated to manual IP configuration.

* B. Allow lists refer to traffic access, but manual IP assignment is due to lack of DHCP, not allow lists.

* D. NAC servers control access but don't replace the need for IP addressing. Reference:

CompTIA A+ 220-1102 Objective 1.7: Given a scenario, troubleshoot common operating system and network issues.

Study Guide Section: IP configuration and DHCP-related deployment scenarios

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NEW QUESTION 25

A technician is preparing to replace the batteries in a rack-mounted UPS system. After ensuring the power is turned off and the batteries are fully discharged, the technician needs to remove the battery modules from the bottom of the rack. Which of the following steps should the technician take?

- A. Ensure the fire suppression system is ready to be activated.
- B. Use appropriate lifting techniques and guidelines.
- C. Place the removed batteries in an antistatic bag.
- D. Wear a face mask to filter out any harmful fumes.

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

UPS batteries are heavy and often located at the bottom of racks to maintain balance. Safe removal requires the use of correct lifting techniques to avoid injury.

OSHA and workplace safety standards emphasize ergonomic handling when dealing with heavy equipment.

* A. Fire suppression readiness is important for fire safety but not specifically relevant to battery removal.

* C. Antistatic bags are for electronic components, not heavy battery modules.

* D. A face mask is not generally necessary unless there is a chemical leak, which is not indicated here.

Reference:

CompTIA A+ 220-1102 Objective 4.3: Explain common safety and environmental impacts and procedures.

Study Guide Section: Safe handling procedures — lifting techniques, battery handling

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NEW QUESTION 28

Which of the following types of social engineering attacks sends an unsolicited text message to a user's mobile device?

- A. Impersonation
- B. Vishing
- C. Spear phishing
- D. Smishing

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Smishing (SMS phishing) is a type of social engineering attack where attackers send fraudulent text messages to trick users into revealing sensitive information or downloading malware. These messages often impersonate banks, delivery services, or official institutions to lure the victim into clicking malicious links.

* A. Impersonation is an in-person or voice-based tactic.

* B. Vishing refers to voice phishing over phone calls.

* C. Spear phishing is a targeted email-based phishing method. Reference:

CompTIA A+ 220-1102 Objective 2.3: Compare and contrast social engineering techniques.

Study Guide Section: Smishing as a type of phishing via SMS or mobile messaging.

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NEW QUESTION 33

A technician is assigned to offboard a user. Which of the following are common tasks on an offboarding checklist? (Choose two.)

- A. Quarantine the hard drive in the user's laptop.
- B. Deactivate the user's key fobs for door access.
- C. Purge all PII associated with the user.
- D. Suspend the user's email account.
- E. Turn off the network ports underneath the user's desk.
- F. Add the MAC address of the user's computer to a blocklist.

Answer: BD

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

User offboarding involves disabling the departing user's access to company systems and facilities. Two key tasks typically include:

? Deactivating physical access credentials (e.g., key fobs or badges) to prevent unauthorized entry (B).

? Suspending or disabling the user's email account to prevent future use and to retain business communications (D).

* A. Quarantining a hard drive is not standard unless malware or legal issues are involved.

* C. Purging PII must follow legal retention policies; it's not typically an immediate offboarding task.

* E. Disabling network ports may be relevant in some cases but is not a standard offboarding step.

* F. Blocking MAC addresses is not typical unless the device is considered a security threat. Reference:

CompTIA A+ 220-1102 Objective 4.1: Given a scenario, implement proper documentation and offboarding procedures.

Study Guide Section: User lifecycle management — onboarding and offboarding tasks

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NEW QUESTION 36

An organization is experiencing an increased number of issues. A technician notices applications that are not installed by default. Users are reporting an increased number of system prompts for software licensing. Which of the following would the security team most likely do to remediate the root cause?

- A. Deploy an internal PKI to filter encrypted web traffic.
- B. Remove users from the local admin group.
- C. Implement stronger controls to block suspicious websites.
- D. Enable stricter UAC settings on Windows.

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

If unauthorized or non-standard applications are appearing on systems and users are receiving licensing prompts, it's likely users are installing software themselves. Removing users from the local administrators group will prevent them from installing software without approval and reduce the likelihood of introducing unapproved or malicious programs.

* A. Deploying a PKI helps with secure communications but doesn't address user software installation rights.

* C. Blocking suspicious websites is helpful but doesn't prevent local installations.

* D. Stricter UAC may add prompts but can still be bypassed by admin users. Reference:

CompTIA A+ 220-1102 Objective 2.2: Compare and contrast access control methods and user privilege settings.

Study Guide Section: Principle of least privilege and managing local admin rights

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NEW QUESTION 38

A technician needs to provide remote support for a legacy Linux-based operating system from their Windows laptop. The solution needs to allow the technician to see what the user is doing and provide the ability to interact with the user's session. Which of the following remote access technologies would support the use

case?

- A. VPN
- B. VNC
- C. SSH
- D. RDP

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

The correct answer is VNC (Virtual Network Computing). VNC is a graphical desktop-sharing system that uses the Remote Frame Buffer protocol (RFB) to remotely control another computer. It is platform-independent and widely supported on Linux, which makes it ideal for providing interactive remote support for a Linux-based operating system. It allows the technician not only to view the remote desktop session but also to control it, fulfilling the need to see and interact with the user's session.

* A. VPN (Virtual Private Network) creates a secure tunnel to a network but does not provide desktop sharing or session control by itself.

* C. SSH (Secure Shell) provides secure command-line access to Unix/Linux systems but does not offer graphical desktop interaction, which is a requirement in this case.

* D. RDP (Remote Desktop Protocol) is primarily a Microsoft protocol, and although it can be made to work on Linux, it is not natively supported on legacy Linux systems, and thus less suitable than VNC in this scenario.

CompTIA A+ 220-1102 Core 2 Objective Reference:

Objective 1.8 – Given a scenario, use features and tools of the operating system. Under this objective, candidates are expected to be familiar with remote access technologies, including RDP, SSH, and VNC, and understand their appropriate uses and limitations on different platforms such as Windows and Linux.

NEW QUESTION 43

A technician needs to install an operating system on a large number of workstations. Which of the following is the fastest method?

- A. Physical media
- B. Mountable ISO
- C. Manual installation
- D. Image deployment

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Image deployment is the fastest and most efficient method for installing operating systems on multiple machines. It involves creating a pre-configured image of an OS and deploying it across systems using tools like Windows Deployment Services (WDS) or third-party imaging solutions. This method saves time and ensures consistency across all devices.

* A. Physical media is slow and not scalable.

* B. Mountable ISOs are useful but still require manual installation.

* C. Manual installation is time-consuming and not suitable for large-scale deployment. Reference:

CompTIA A+ 220-1102 Objective 1.4: Given a scenario, use appropriate Microsoft operating system installation methods.

Study Guide Section: Deployment methods — image deployment, automation

NEW QUESTION 46

A user reports getting a BSOD (Blue Screen of Death) error on their computer at least twice a day. Which of the following should the technician use to determine the cause?

- A. Event Viewer
- B. Performance Monitor
- C. System Information
- D. Device Manager

Answer: A

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Event Viewer is the primary tool used to investigate system-level errors and logs, including BSODs. When a BSOD occurs, Windows logs the error codes and associated system behavior under System logs in Event Viewer. This allows the technician to review crash events, identify error codes (e.g., STOP codes), and pinpoint hardware or driver issues.

* B. Performance Monitor is used for real-time performance tracking and trend analysis, not crash logs.

* C. System Information displays system specs but not crash logs or events.

* D. Device Manager shows device status and driver issues but doesn't retain error logs related to BSODs.

Reference:

CompTIA A+ 220-1102 Objective 3.1: Given a scenario, troubleshoot common Windows OS problems.

Study Guide Section: Troubleshooting BSODs using Event Viewer and system logs

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NEW QUESTION 50

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