220-1202 Dumps

CompTIA A+ Certification Exam: Core 2

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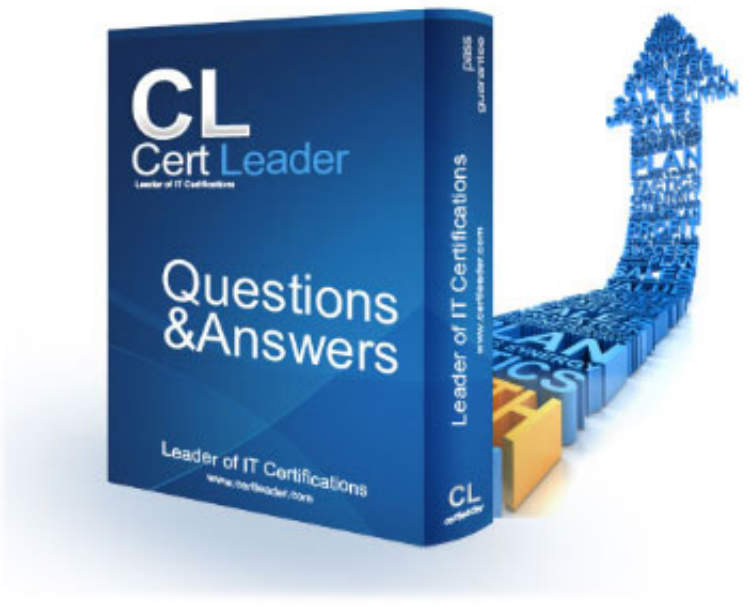

NEW QUESTION 1
The screen of a previously working computer repeatedly displays an OS Not Found error message when the computer is started. Only a USB drive, a keyboard, and a mouse are plugged into the computer. Which of the following should a technician do first?

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
A technician uses AI to draft a proposal about the benefits of new software. When reading the draft, the technician notices that the draft contains factually incorrect information. Which of the following best describes this scenario?

A. Data privacy
B. Hallucinations
C. Appropriate use
D. Plagiarism

Answer: B

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
In the context of artificial intelligence, "hallucinations" refer to instances where an AI system generates information that is plausible-sounding but factually incorrect or entirely fabricated. This is a known limitation of large language models, including generative AI tools.
* A. Data privacy refers to the protection of personal or sensitive data, not content accuracy.
* C. Appropriate use relates to ethical and policy-based concerns, not factual correctness.
* D. Plagiarism involves presenting someone else's work as your own — this situation is about accuracy, not ownership.
Reference:
CompTIA A+ 220-1102 Objective 4.4: Identify basic concepts of scripting and automation. Study Guide Section: AI tools and responsible usage — hallucinations and fact-checking outputs
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NEW QUESTION 3
A company would like to deploy baseline images to new computers as they are started up on the network. Which of the following boot processes should the company use for this task?

A. ISO
B. Secure
C. USB
D. PXE

Answer: D

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
PXE (Preboot Execution Environment) allows workstations to boot over the network and download an OS image from a server. It is ideal for automating mass deployments using
baseline images across many machines without the need for physical media.
* A. An ISO is a disk image file but requires mounting or physical media.
* B. Secure Boot is a security feature, not a method of deploying OS images.
* C. USB requires manual installation and is not suitable for automated deployment at scale. Reference:
CompTIA A+ 220-1102 Objective 1.4: Given a scenario, use appropriate Microsoft operating system installation methods.
Study Guide Section: Remote installation methods — PXE boot deployment
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NEW QUESTION 4
Which of the following is an example of an application publisher including undisclosed additional software in an installation package?

A. Virus
B. Ransomware
C. Potentially unwanted program
D. Trojan

Answer: C

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
A Potentially Unwanted Program (PUP) is software that a user may not have knowingly installed. It often gets bundled with legitimate software and installs without full disclosure. PUPs can affect performance, change system settings, or display unwanted ads but are not necessarily malicious like viruses or ransomware.
* A. Viruses replicate and spread; they are generally more harmful and not "bundled" in the same way.
* B. Ransomware encrypts files for payment and is deliberately malicious.
* D. A Trojan disguises itself as legitimate software to perform malicious actions but is not typically pre-bundled by legitimate publishers.
Reference:
CompTIA A+ 220-1102 Objective 2.5: Given a scenario, detect, remove, and prevent malware using appropriate tools and methods.
Study Guide Section: Types of malware — PUPs and bundled software
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NEW QUESTION 5
A user frequently misplaces their Windows laptop and is concerned about it being stolen. The user would like additional security controls on their laptop. Which of the following is a built-in technology that a technician can use to enable full drive encryption?

A. Active Directory
B. New Technology File System
C. Encrypting File System
D. BitLocker

Answer: D

Explanation:
Comprehensive and Detailed Explanation From Exact Extract: BitLocker is Microsoft??s full disk encryption technology built into Windows Pro and Enterprise editions. It encrypts the entire drive, protecting data if the device is lost or stolen. BitLocker can use TPM (Trusted Platform Module) and can be configured with PINs or USB keys for added security.
* A. Active Directory is for centralized user and policy management in domains.
* B. NTFS is the file system format and doesn't provide encryption by itself.
* C. EFS (Encrypting File System) encrypts individual files or folders, not the entire drive. Reference:
CompTIA A+ 220-1102 Objective 2.2: Compare and contrast security measures and encryption tools.
Study Guide Section: Encryption options — BitLocker vs. EFS
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NEW QUESTION 6
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 7
A technician needs to configure laptops so that only administrators can enable virtualization technology if needed. Which of the following should the technician configure?

A. BIOS password
B. Guest account
C. Screen lock
D. AutoRun setting

Answer: A

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
Virtualization settings are typically found within the BIOS/UEFI firmware configuration. To prevent unauthorized users from changing these settings, the technician should set a BIOS password. This ensures only administrators with the password can access or modify BIOS settings, including virtualization support.
* B. The guest account is a user-level feature in Windows and doesn??t control BIOS access.
* C. A screen lock prevents casual access to the desktop but doesn??t protect firmware settings.
* D. AutoRun controls how media and devices behave when inserted — unrelated to BIOS security.
Reference:

CompTIA A+ 220-1102 Objective 2.2: Compare and contrast security measures and administrative controls.
Study Guide Section: BIOS/UEFI settings protection — password implementation

NEW QUESTION 8
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 9
A technician verifies that a malware incident occurred on some computers in a small office. Which of the following should the technician do next?

A. Quarantine the infected systems
B. Educate the end users
C. Disable System Restore
D. Update the anti-malware and scan the computers

Answer: A

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
Once a malware incident has been confirmed, the immediate next step is to contain the threat. Quarantining infected systems prevents the malware from spreading to other devices and isolates the malicious code for further analysis or remediation.
* B. Educating end users is important but occurs later in the incident response process.
* C. Disabling System Restore is part of cleanup, not containment.
* D. Updating and scanning should occur after the system is quarantined to prevent further infection or spread.
Reference:
CompTIA A+ 220-1102 Objective 2.5: Given a scenario, detect, remove, and prevent malware using appropriate tools and methods.
Study Guide Section: Malware removal best practices — Step 2: Quarantine the infected system
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NEW QUESTION 10
A technician installs VPN client software that has a software bug from the vendor. After the vendor releases an update to the software, the technician attempts to reinstall the software but keeps getting an error message that the network adapter for the VPN already exists. Which of the following should the technician do next to mitigate this issue?

A. Run the latest OS security updates.
B. Map the network adapter to the new software.
C. Update the network adapter's firmware.
D. Delete hidden network adapters.

Answer: D

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
VPN clients often create virtual network adapters. If the software wasn't uninstalled properly or crashed during install, leftover (often hidden) virtual adapters can prevent reinstallation. The proper solution is to delete hidden network adapters using Device Manager (with ??Show hidden devices?? enabled).
* A. OS updates won??t fix a leftover driver or adapter issue.
* B. Mapping an adapter to the software is not a standard or viable solution.
* C. Firmware updates apply to physical adapters, not virtual VPN adapters. Reference:
CompTIA A+ 220-1102 Objective 3.1: Troubleshoot common Windows OS and network issues.
Study Guide Section: Troubleshooting network adapter conflicts and VPN client errors

NEW QUESTION 10
A user is attempting to open on a mobile phone a HD video that is hosted on a popular media streaming website. The user is receiving connection timeout errors. The mobile reception icon area is showing two bars next to 3G. Which of the following is the most likely cause of the issue?

A. The user does not have Wi-Fi enabled.
B. The website's subscription has run out.
C. The bandwidth is not fast enough.
D. The mobile device storage is full.

Answer: C

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
3G networks generally do not provide the bandwidth required for seamless HD video streaming. With only two signal bars and a 3G connection, the mobile device likely cannot maintain the necessary data throughput, resulting in timeouts or buffering failures. This is a classic symptom of insufficient network speed or signal strength.
* A. Lack of Wi-Fi may contribute, but the root cause is the low mobile bandwidth, not the Wi- Fi state.
* B. A website subscription lapse would return an account error, not a timeout.
* D. Full device storage can affect downloads but not streaming from the internet. Reference:
CompTIA A+ 220-1102 Objective 3.3: Troubleshoot mobile OS and application issues. Study Guide Section: Connectivity and network performance issues on mobile devices
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NEW QUESTION 15
Which of the following is used to apply corporate restrictions on an Apple device?

A. App Store
B. VPN configuration
C. Apple ID
D. Management profile

Answer: D

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
A management profile is used to enforce corporate policies on Apple devices. These profiles are installed via an MDM (Mobile Device Management) solution and control access, restrictions,Wi-Fi settings, app installations, and more. They??re critical for managing devices in a business environment.
* A. The App Store allows software downloads but doesn??t control policies.
* B. VPN configuration is used for secure remote connections, not enforcement of restrictions.
* C. Apple ID is for personal account access to Apple services, not corporate device management.
Reference:
CompTIA A+ 220-1102 Objective 2.2: Compare and contrast security tools and MDM features.
Study Guide Section: Mobile device management and configuration profiles (Apple/iOS)
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NEW QUESTION 16
A user is experiencing issues with outdated images while browsing websites. Which of the following settings should a technician use to correct this issue?

A. Administrative Tools
B. Windows Defender Firewall
C. Internet Options
D. Ease of Access

Answer: C

Explanation:
Comprehensive and Detailed Explanation From Exact Extract: Outdated images and website data often result from cached files in the browser. The Internet Options panel in Windows (specifically under the General tab) allows users to clear browsing history, including cached images and files, which forces the browser to load the most current versions of web content.
* A. Administrative Tools is used for advanced system management, not browser settings.
* B. Windows Defender Firewall controls network traffic and security rules, not caching.
* D. Ease of Access provides accessibility features for users with disabilities — unrelated to web browsing issues.
Reference:
CompTIA A+ 220-1102 Objective 3.3: Troubleshoot common software and application issues.
Study Guide Section: Internet Options and browser cache clearing for display issues

NEW QUESTION 19
A technician is troubleshooting an issue in which a service runs momentarily and stops at certain points in the process. The technician needs to determine the root cause of this issue. Which of the following tools should the technician use?

A. Event Viewer
B. Task Manager
C. Internet Options
D. Process Explorer

Answer: A

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
Event Viewer is the best tool to analyze the root cause of service failures in Windows. It provides detailed logs from system processes, including errors, warnings, and crash reports related to services and applications. When a service starts and stops unexpectedly, Event Viewer will often record the cause, such as dependency failures or access violations.
* B. Task Manager shows active processes but doesn't retain logs or causes of failure.
* C. Internet Options is used for configuring browser settings, not troubleshooting services.
* D. Process Explorer is powerful but more suited for live monitoring and detailed process trees, not post-failure log analysis.
Reference:
CompTIA A+ 220-1102 Objective 3.1: Given a scenario, troubleshoot common Windows OS problems.
Study Guide Section: Log file analysis using Event Viewer
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NEW QUESTION 24
An end user's laptop is having network drive connectivity issues in the office. The end user submits a help desk ticket, and a support technician is able to establish a remote connection and fix the issue. The following day, however, the network drive is disconnected again. Which of the following should the technician do next?

A. Connect remotely to the user's computer to see whether the network drive is still connected.
B. Send documentation about how to fix the issue in case it reoccurs.
C. Escalate the ticket to the next level.
D. Keep the ticket open until next day, then close the ticket.

Answer: C

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
Since the issue has recurred after a temporary fix, it is likely a deeper or persistent configuration or server issue. Escalating the ticket to the next tier of support (e.g., network or system administrator) ensures further investigation and permanent resolution. Escalation is part of the standard support protocol when issues reoccur despite initial troubleshooting.
* A. Rechecking remotely may confirm the issue, but doesn??t resolve it long term.
* B. Providing documentation helps the user but doesn??t solve the root cause.
* D. Keeping the ticket open is passive and doesn??t address the recurring issue. Reference:
CompTIA A+ 220-1102 Objective 4.1: Given a scenario, implement best practices associated with documentation and support systems information.
Study Guide Section: Escalation procedures and ticket management
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NEW QUESTION 25
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 28
A company executive is currently attending a major music festival with a large number of attendees and is having trouble accessing a work email account. The email application is not downloading emails and also appears to become stuck during connection attempts. Which of the following is most likely causing the disruption?

A. The phone has no storage space available.
B. Company firewalls are configured to block remote access to email resources.
C. Too many devices in the same area are trying to connect to the mobile network.
D. The festival organizer prohibits internet usage during the event and has blocked the internet signal

Answer: C

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
At large events such as music festivals, cellular towers may become congested due to the high volume of users attempting to connect simultaneously. This congestion causes slow or failed data connections, which explains the email application being unable to sync or connect. This is a common real-world mobile connectivity issue in crowded areas.
* A. Lack of storage would prevent saving attachments, not prevent connection attempts.
* B. Company firewalls usually don??t affect mobile access unless specific device restrictions are enforced.
* D. Organizers do not have the ability to block the internet signal; only carriers manage mobile bandwidth.
Reference:
CompTIA A+ 220-1102 Objective 3.3: Troubleshoot mobile OS and connectivity issues. Study Guide Section: Mobile network limitations — signal congestion and bandwidth issues
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NEW QUESTION 32
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 33
A user is working from home and is unable to access work files on a company laptop. Which of the following should a technician configure to fix the network access issue?

A. Wide-area network
B. Wireless network
C. Proxy network settings
D. Virtual private network

Answer: D

Explanation:
A VPN creates a secure tunnel from the user??s home network into the corporate network, providing the necessary routing and access controls for the laptop to reach internal file servers. Without a VPN, the device remains outside the corporate LAN and cannot directly reach protected resources.

NEW QUESTION 35
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 toformally 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 40
Which of the following is the best way to distribute custom images to 800 devices that include four device vendor classes with two types of user groups?

A. Use xcopy to clone the hard drives from one to another
B. Use robocopy to move the files to each device
C. Use a local image deployment tool for each device
D. Use a network-based remote installation tool

Answer: D

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
In enterprise environments, network-based deployment solutions (such as Windows Deployment Services or SCCM) allow administrators to push images across the network to hundreds of devices efficiently. These tools support hardware-specific drivers (for different vendor classes) and can accommodate user-group configurations using task sequences or answer files.
A and B (xcopy and robocopy) are file-level tools and not designed for full OS image deployment.
* C. Using local tools per device is inefficient for large-scale rollouts (800 devices).
* D. Network-based deployment is the industry standard for this scale. Reference:
CompTIA A+ 220-1102 Objective 1.4: Given a scenario, use appropriate Microsoft operating system installation methods.
Study Guide Section: Deployment methods (including PXE boot, image deployment)
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NEW QUESTION 45

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 49
An application's performance is degrading over time. The application is slowing, but it never gives an error and does not crash. Which of the following tools should a technician use to start troubleshooting?

A. Reliability history
B. Computer management
C. Resource monitor
D. Disk

Answer: C

Explanation:
Comprehensive and Detailed Explanation From Exact Extract: Resource Monitor provides real-time monitoring of system performance and resource usage, including CPU, memory, disk, and network usage. It helps technicians identify performance bottlenecks (e.g., high memory or CPU usage) that can cause slowdowns in applications over time without producing crash errors.
* A. Reliability history logs application crashes or errors — not helpful if the app doesn??t crash.
* B. Computer Management is a broad utility with limited real-time monitoring capability.
* D. Disk is too vague — tools like CHKDSK can help with disk errors but not general performance degradation.
Reference:
CompTIA A+ 220-1102 Objective 3.2: Given a scenario, troubleshoot common personal computer issues.
Study Guide Section: System performance tools — Resource Monitor, Task Manager
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NEW QUESTION 53
Which of the following is a Linux command that is used for administrative purposes?

A. runas
B. cmcl
C. net user
D. su

Answer: D

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
The su (substitute user) command is used in Linux to switch to another user account, most commonly to escalate privileges by switching to the root (administrator) account. It allows administrative tasks to be performed in a terminal session.
* A. runas is a Windows command for executing a program under another user's context.
* B. cmcl is not a valid Linux or administrative command.
* C. net user is a Windows command for managing local user accounts.
Reference:
CompTIA A+ 220-1102 Objective 1.9: Identify common features and tools of the Linux client/desktop OS.
Study Guide Section: Linux command-line tools — su, sudo
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NEW QUESTION 54
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 55
A user recently installed an application that accesses a database from a local server. When launching the application, it does not populate any information. Which of the following command-line tools is the best to troubleshoot the issue?

A. ipconfig
B. nslookup
C. netstat
D. curl

Answer: D

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
The scenario involves an application that should retrieve data from a local database server but is failing to do so. This likely indicates a problem in communication between the application and the database server (such as a network issue, port misconfiguration, or service unavailability). The correct troubleshooting approach involves testing the network/service connectivity between the client and the database.
Let??s examine the options:
? A. ipconfig:This command displays IP configuration details for Windows systems, such as IP address, subnet mask, and default gateway. While useful for diagnosing general networkissues, it does not test service connectivity or the availability of a specific application port/service.
? B. nslookup:Used to query DNS servers to resolve domain names to IP addresses.
However, since the question references a local server (likely accessed via IP or static hostname), DNS is probably not involved. Also, it does not test application/service availability.
? C. netstat:Displays active TCP connections, listening ports, and routing tables. It helps determine whether the local system is listening for or maintaining any network connections, but it does not initiate a connection to test availability. It??s diagnostic but not interactive for service testing.
? D. curl:This is the most appropriate tool for this scenario. curl is used to test connectivity to services over protocols like HTTP, HTTPS, FTP, and more. If the application retrieves data via a web interface or API (common in database-driven applications), curl can be used to test if the application can successfully reach and retrieve data from the server. It provides immediate, testable feedback on whether the server and service are available and responsive.
Example usage: curlhttp://localhost:8080/api/data
This command would test whether a local server's application programming interface (API) is available and responding on port 8080.
CompTIA A+ 220-1102 Reference Points:
? Objective 2.4: Given a scenario, use appropriate tools to troubleshoot and support Windows OS issues.
? Objective 3.3: Use appropriate tools to troubleshoot and resolve issues.
? The CompTIA A+ Core 2 study guide references curl as a useful command-line utility for testing connectivity and troubleshooting application access to services.
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NEW QUESTION 58
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 60
A customer??s computer does not have an active connection to the network. A technician goes through a few troubleshooting steps but is unable to resolve the issue. The technician has exhausted their knowledge. The customer expresses frustration at the time taken to resolve this issue. Which of the following should the technician do?

A. Escalate the issue to a senior team member and provide next steps to the customer.
B. Dismiss the customer and reschedule another troubleshooting session at a later date.
C. Interrupt the customer and express that troubleshooting support tickets can take time.

D. Maintain a positive attitude and continue to ask questions regarding the scope of the issue.

Answer: A

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
When a technician exhausts all troubleshooting steps within their knowledge and the issue remains unresolved, the best practice is to escalate the issue to a higher-level technician or team. Additionally, the technician should clearly communicate the next steps to the customer to maintain transparency and reduce frustration. This ensures continuity of support and upholds customer satisfaction.
* B. Dismissing the customer is unprofessional and violates proper customer service
protocols.
* C. Interrupting the customer and providing excuses escalates the tension and is inappropriate.
* D. Continuing to ask questions without new troubleshooting steps wastes time and increases frustration.
Reference:
CompTIA A+ 220-1102 Objective 4.1: Given a scenario, implement best practices associated with documentation and support systems information.
Study Guide Section: Customer service best practices — escalation and communication
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