



CompTIA

Exam Questions 220-1201

CompTIA A+ Certification Exam: Core 1

NEW QUESTION 1

- (Topic 1)

A technician is working on a RAID 1 array that is apparently degraded. The technician verifies the RAM and power are both operating as expected. Which of the following can the technician do to further isolate the issue?

- A. Perform individual drive diagnostics.
- B. Run the chkdsk /i command.
- C. Rebuild the RAID array.
- D. Reconfigure the array as RAID 0.

Answer: A

Explanation:

Comprehensive and Detailed In-Depth Explanation:

A degraded RAID 1 array usually means one of the drives has failed or is failing. The correct next step is to run diagnostics on each drive to identify the faulty one.

RAID 1 uses mirroring, so one good drive should still contain all the data.

? Option B: chkdsk checks file system integrity, not hardware drive health.

? Option C: Rebuilding should only occur after identifying and replacing a faulty drive.

? Option D: RAID 0 offers no redundancy and would destroy data in this context. CompTIA A+ Core 1 Exam Objective Reference:

? Objective 3.5: Given a scenario, troubleshoot problems related to storage devices.

NEW QUESTION 2

- (Topic 1)

A user joins a conference call with a Bluetooth headset. Which of the following has the user created?

- A. MAN
- B. PAN
- C. SAN
- D. WAN

Answer: B

Explanation:

* B. PAN (Personal Area Network):

A PAN is a network established between devices in close proximity, such as between a smartphone and a Bluetooth headset.

Bluetooth technology is specifically designed for short-range communication, making it a type of PAN.

Incorrect Options:

* A. MAN (Metropolitan Area Network): A MAN covers a city or metropolitan area and is not relevant to Bluetooth connections.

* C. SAN (Storage Area Network): A SAN is used for large-scale data storage, unrelated to Bluetooth connections.

* D. WAN (Wide Area Network): A WAN spans large geographical areas (e.g., the internet) and is not relevant to this scenario.

Key Takeaway: Bluetooth connections, such as those between a headset and a device, create a Personal Area Network (PAN).

Reference: CompTIA A+ Core 1 Exam Objectives (220-1201), Domain 2.1 – Network types and their features.

NEW QUESTION 3

- (Topic 1)

Several storms cause mission-critical servers to go offline unexpectedly. A server also goes offline suddenly due to hardware failure. Upon assessment, the company purchases new UPSs to condition power and allow the OSs to shut down gracefully in the event of a power failure. However, the UPSs are delayed due to supply chain issues. Which of the following can balance a cost-effective solution with uptime requirements?

- A. Purchasing backup generators
- B. Increasing input voltage
- C. Installing redundant PSUs
- D. Activating a hot site

Answer: C

Explanation:

* C. Installing redundant PSUs (Power Supply Units):

Redundant PSUs provide fault tolerance by ensuring that if one power supply fails, another will take over seamlessly.

This is a cost-effective way to increase uptime while waiting for the UPSs to arrive. Incorrect Options:

* A. Purchasing backup generators: Generators are costly and are typically used for long-term outages, not as an immediate or cost-effective solution.

* B. Increasing input voltage: This is not a practical solution to hardware failures or power issues.

* D. Activating a hot site: A hot site is an expensive, fully operational backup facility that would not be a cost-effective solution for this scenario.

Key Takeaway: Installing redundant PSUs is a cost-effective way to balance uptime requirements in case of power or hardware failure.

Reference: CompTIA A+ Core 1 Exam Objectives (220-1201), Domain 5.3 – Power-related troubleshooting.

NEW QUESTION 4

- (Topic 1)

Which of the following provides electricity to devices through network cables?

- A. Edge router
- B. PoE switch
- C. Access point
- D. Patch panel

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

A PoE (Power over Ethernet) switch transmits both data and electrical power over Ethernet cables to devices like wireless access points or VoIP phones. This is especially useful in areas where separate power sources are not available.

Reference: "CompTIA A+ Complete Study Guide" by Quentin Docter – Chapter 5, pages 319–321.

NEW QUESTION 5

- (Topic 1)

A technician receives a tablet that looks like it has a bulge inside. The bulge is pushing the screen away from the backplate. The tablet still turns on when it is plugged in, but the screen looks damaged and turns off when unplugged. Which of the following is the most likely cause of this issue?

- A. Malfunctioning power supply
- B. Damaged charge port
- C. Swollen battery
- D. Broken screen

Answer: C

Explanation:

The most likely cause is a swollen battery, which occurs when the battery's internal components break down, causing a buildup of gas. This results in:

Physical Symptoms: The battery bulges, pushing the screen away.

Operational Symptoms: The device may still power on when connected to a charger but fails to hold a charge due to battery degradation.

Option A (Malfunctioning power supply): Incorrect. Power supply issues affect charging but do not cause physical bulging.

Option B (Damaged charge port): Incorrect. A damaged port can prevent charging but does not explain the bulge.

Option D (Broken screen): Incorrect. A damaged screen does not cause the device to bulge; it is likely a secondary effect of the swollen battery.

Safety Note: A swollen battery poses a risk of fire or explosion and should be replaced immediately following proper disposal procedures.

References:

CompTIA A+ Core 1 Objectives: 5.5 (Troubleshooting common issues with mobile devices)

NEW QUESTION 6

- (Topic 1)

Which of the following utilizes specialized ports on a laptop to expand the local connection options?

- A. NFC adapter
- B. Docking station
- C. Port replicator
- D. USB dongle

Answer: B

Explanation:

Comprehensive and Detailed In-Depth Explanation:

A docking station connects to a laptop's proprietary port or USB-C/Thunderbolt, providing access to multiple additional ports (USB, Ethernet, video, audio, etc.). It allows users to transform a laptop into a full desktop workstation.

? Option A (NFC adapter): Used for short-range communication, not port expansion.

? Option C (Port replicator): Similar to a dock but usually less powerful and often lacks charging or video output.

? Option D (USB dongle): Adds a single function (like Wi-Fi or storage), not full port expansion.

CompTIA A+ Core 1 Exam Objective Reference:

? Objective 1.4: Given a scenario, configure settings and use cases for laptops and mobile devices.

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NEW QUESTION 7

- (Topic 1)

A salesperson is unable to use a personal device to access emails and calendar features at a client site but was able to use the device while at the office. Which of the following policies has been enforced on the salesperson's mobile device?

- A. MOW
- B. MAN
- C. MFA
- D. MAM

Answer: D

Explanation:

Mobile Application Management (MAM) enforces policies restricting access to apps and services based on location, ensuring security at external sites.

Why Not A (MOW): "Mobile Only Workplace" (MOW) is not a recognized term in this context.

Why Not B (MAN): Metropolitan Area Network (MAN) is unrelated to mobile device policies. Why Not C (MFA): Multi-Factor Authentication secures user accounts but does not enforce app restrictions.

CompTIA A+ Exam Reference: Core 2 (220-1102), Section 2.7, mobile device security policies.

NEW QUESTION 8

- (Topic 1)

When turning on a workstation, a technician observes the following message: "Bootable device not found."

The technician verifies the correct boot order in the BIOS. Which of the following steps should the technician take next?

- A. Reformat the HDD.
- B. Run HDD diagnostics.
- C. Reseat the RAM.

D. Replace the HDD.

Answer: B

Explanation:

Comprehensive and Detailed In-Depth Explanation:

If the system reports "Bootable device not found", and the BIOS is configured correctly, the next step is to run diagnostics on the hard drive to check for physical or logical failure. It could be a sign of a failing drive or corrupt boot sector.

? Option A: Reformatting the drive would erase data — not a diagnostic step.

? Option C: RAM does not affect whether a drive is bootable.

? Option D: Replacing the drive should only be done after diagnostics confirm failure. CompTIA A+ Core 1 Exam Objective Reference:

? Objective 3.5: Given a scenario, troubleshoot problems related to storage devices.

NEW QUESTION 9

- (Topic 1)

A technician has just installed a new SSD into a computer, but the drive is not appearing. Which of the following is most likely the reason's?

A. The SSD is faulty and should be replaced by the manufacturer

B. The SSD has not been properly formatted and is not readable

C. The SSD is incompatible with the motherboard

D. The SSD has not been installed properly and should be reseated

Answer: D

Explanation:

Improper seating is the most common reason an SSD isn't recognized. Ensuring it is correctly connected resolves the issue.

Why Not A (Faulty SSD): A faulty SSD is possible but less likely than an installation issue. Why Not B (Not formatted): Formatting affects data usability, not drive detection.

Why Not C (Incompatibility): SSD compatibility issues are rare with modern hardware. CompTIA A+ Exam Reference: Core 1 (220-1201), Section 3.3, storage troubleshooting.

NEW QUESTION 10

- (Topic 1)

A recently installed printer is incorrectly aligning printed documents Which of the following should the technician do first to fix this issue?

A. Run the maintenance application.

B. Clean the rollers

C. Upgrade the firmware

D. Reinstall the drivers

Answer: A

Explanation:

* A. Run the maintenance application:

Most modern printers include a built-in maintenance application that can calibrate the print heads and correct alignment issues. Running this tool is the first step to address misalignment.

Incorrect Options:

* B. Clean the rollers: Cleaning rollers is typically done to resolve paper feed or jamming issues, not alignment problems.

* C. Upgrade the firmware: While updating firmware is beneficial for performance improvements, it is not the first step for fixing alignment.

* D. Reinstall the drivers: Misaligned printing is usually hardware-related, not a driver issue. Key Takeaway: The maintenance application should be run first to resolve alignment issues in a newly installed printer.

Reference: CompTIA A+ Core 1 Exam Objectives (220-1201), Domain 5.5 – Printer troubleshooting.

NEW QUESTION 10

- (Topic 1)

A customer needs to install a new printer in their network. The customer reports that users had intermittent connectivity issues with previous printers. Which of the following should the technician configure on the new printer to prevent this issue?

A. Gateway IP address

B. DHCP IP address

C. Static IP address

D. Public IP address

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Intermittent connectivity issues with network printers are commonly caused by changing IP addresses when using DHCP. Assigning a static IP address ensures that the printer is always reachable at the same IP address by client machines.

Reference: "CompTIA A+ Complete Study Guide" by Quentin Docter – Chapter 4, "Printers and Multifunction Devices", page 241.

NEW QUESTION 13

- (Topic 1)

A customer is able to print most documents with their USB inkjet printer, but the system is unresponsive when printing a certain report from a custom application.

Nothing will print until the computer is restarted and the printer is power cycled. A technician remotes into the PC and confirms that the spooler stops working when this report is sent. After cleaning the spooler and reinstalling the drivers from the manufacturer's website, the issue persists. No other sites using the application report similar issues. Which of the following is most likely causing the issue?

A. The manufacturer is curating content before it reaches the device to preserve ink.

- B. The application has a bug that the developer needs to address.
- C. The system is using the PostScript language instead of the PCL.
- D. Personal preferences have changed and documents with graphics are now online-only

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

If a print spooler crashes specifically with one application and no issue occurs on other systems, the most likely root cause is a bug within that specific application. Restarting the spooler and reinstalling drivers resolves system-wide or hardware-related issues—not app- specific failures. This indicates the application may be sending malformed print data. Reference: "CompTIA A+ Certification All-in-One Exam Guide" by Mike Meyers – Chapter 26, page 1144.

NEW QUESTION 15

- (Topic 1)

A technician is troubleshooting a desktop PC that is plugged into a UPS. The PC loses the system date/time after every power outage. Which of the following should the technician do to resolve the issue? (Select two).

- A. Run a BIOS update.
- B. Swap out the RAM.
- C. Disable NTP in the OS.
- D. Repair the backup power source.
- E. Replace the CMOS battery
- F. Install a surge protector.

Answer: DE

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

The system date/time is maintained by the CMOS battery when the PC is powered off. If this battery fails, time resets will occur. Additionally, since the system is connected to a UPS, ensuring the UPS is functioning correctly (i.e., the backup power source) is essential. Reference: "CompTIA A+ Complete Study Guide" by Quentin Docter – Chapter 1, page 40.

NEW QUESTION 16

- (Topic 1)

An SAS RAID array has severely degraded and gone offline A systems administrator examines the syslog, and the point of failure is not obvious. Which of the following techniques should the administrator use to identify the issue (Select two).

- A. Run a magnet over each drive.
- B. Check if one of the drives is not level
- C. Listen for clicking and grinding noises
- D. Check the OS logs
- E. Update the RAID controller firmware.
- F. Check the historical SMART data

Answer: CF

Explanation:

Clicking and grinding noises indicate mechanical drive failure.

SMART data provides insights into the health and status of drives, helping identify failing components in the RAID array.

Why Not A (Run a magnet): This would damage drives.

Why Not B (Check if one drive is not level): Physical leveling is irrelevant.

Why Not D (Check OS logs): OS logs may provide limited information for RAID arrays. Why Not E (Update RAID controller firmware): While important, it does not diagnose drive failure.

CompTIA A+ Exam Reference: Core 1 (220-1201), Section 3.3, storage troubleshooting.

NEW QUESTION 18

- (Topic 1)

Which of the following technologies best allows a phone to connect to a point-of-sale terminal for wireless payments?

- A. Bluetooth
- B. NFC
- C. Wi-Fi
- D. Cellular

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Near-field communication (NFC) is a short-distance wireless communication method widely used in mobile payment systems like Apple Pay and Google Pay.

Simply placing the device near a compatible terminal initiates the payment process.

Reference: "Mike Meyers' CompTIA A+ Certification All-in-One Exam Guide" – Chapter 24, page 1022.

NEW QUESTION 23

- (Topic 1)

A support technician receives a call stating that a user has added a device to the network. The user used the same configurations from another workstation. When both workstations are turned on, neither can access the network reliably. Which of the following is the most likely cause of the issue?

- A. The new computer has a duplicate IP address.
- B. The DNS server is registering both hostnames.

- C. The network cable was improperly terminated.
- D. The security on the switchport needs to be reset.

Answer: A

Explanation:

Comprehensive and Detailed In-Depth Explanation:

If two devices have the same static IP address, an IP conflict occurs. This results in both devices being intermittently disconnected or unable to communicate on the network. It's a common mistake when copying configurations manually.

? Option B: DNS conflicts wouldn't cause total disconnection — and wouldn't occur just from copying IP settings.

? Option C: A cable issue would only affect one workstation.

? Option D: Switchport security issues wouldn't affect both machines simultaneously unless port security was configured very specifically.

CompTIA A+ Core 1 Exam Objective Reference:

? Objective 2.6: Given a scenario, configure and troubleshoot network connectivity.

NEW QUESTION 26

- (Topic 1)

A computer is experiencing random shutdowns. A technician notices that the fans on the computer work but are noisy. The CPU temperature is about 122°F (50°C) when the computer is started but rises to 208°F (98°C) when applications are opened. Which of the following would most likely fix this issue?

- A. Replacing the power supply
- B. Installing a high-performance heat sink
- C. Adjusting the fan settings
- D. Adding more RAM to the computer

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Excessive heat buildup due to insufficient cooling is a primary cause of unexpected shutdowns. A high-performance heat sink improves thermal transfer, dissipates more heat, and helps maintain CPU temperature within safe limits. When CPU temperatures reach levels like 208°F (98°C), the system may shut down to prevent damage.

Reference: "CompTIA A+ Complete Study Guide" by Quentin Docter – Chapter 1, pages 68–71, discusses CPU cooling and heat sink improvements.

NEW QUESTION 27

- (Topic 1)

Which of the following devices is used to implement ACL policies for an environment?

- A. Managed switch
- B. Gateway
- C. Repeater
- D. Firewall

Answer: D

Explanation:

A firewall implements ACLs (Access Control Lists) to filter traffic and enforce policies based on rules such as IP address, port, or protocol.

Why Not A (Managed switch): A managed switch supports VLANs and QoS but does not enforce ACLs at the network perimeter.

Why Not B (Gateway): Gateways connect networks and translate protocols but don't typically implement ACLs.

Why Not C (Repeater): Repeaters extend signal range but don't enforce policies. CompTIA A+ Exam Reference: Core 1 (220-1201), Section 2.2, firewall concepts.

NEW QUESTION 30

- (Topic 1)

Which of the following is an advantage of using VDI?

- A. Authentication is not required on a domain.
- B. Licensing costs are minimized.
- C. Less manual configuration is needed for each workstation.
- D. A virus is automatically contained locally.

Answer: C

Explanation:

Comprehensive and Detailed In-Depth Explanation:

Virtual Desktop Infrastructure (VDI) hosts desktop environments on centralized servers. This allows rapid deployment and consistent configuration across multiple users, minimizing manual setup and easing IT management.

? Option A: VDI still uses standard authentication methods.

? Option B: Licensing can actually be more expensive due to virtualization software and backend servers.

? Option D: VDI centralizes the desktop environment — viruses would affect the virtual session, not be "contained locally."

CompTIA A+ Core 1 Exam Objective Reference:

? Objective 4.1: Compare and contrast cloud computing concepts.

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NEW QUESTION 32

- (Topic 1)

A group of friends is gathering in a room to play video games. One of the friends has a game server. Which of the following network types should the group use so they can all connect to the same server and the internet?

- A. SAN
- B. MAN
- C. LAN
- D. PAN

Answer: C

Explanation:

The appropriate network type for this scenario is a Local Area Network (LAN), which is designed for small, localized networks, such as within a single building or room. LANs are ideal for gaming because they provide high-speed, low-latency connections.

Option A (SAN): Incorrect. A Storage Area Network is used for data storage, not for gaming or general networking.

Option B (MAN): Incorrect. A Metropolitan Area Network covers a city or campus, far exceeding the scope needed for a gaming setup in a single room.

Option D (PAN): Incorrect. A Personal Area Network is designed for a single user, such as Bluetooth devices, and would not support multiple devices connecting to a game server. References:

CompTIA A+ Core 1 Objectives: 2.7 (Compare and contrast network types and features)

NEW QUESTION 36

- (Topic 1)

A computer displays an error message indicating there is insufficient storage when installing applications. The user reports slow application load times. Which of the following replacement components would best resolve this issue?

- A. SSD
- B. USB
- C. HDD
- D. RAM

Answer: A

Explanation:

Comprehensive and Detailed In-Depth Explanation:

Upgrading to a solid-state drive (SSD) provides more storage space and faster read/write speeds, which resolves both the "insufficient storage" error and slow application loads.

? Option B (USB): Not intended for permanent application storage or performance improvements.

? Option C (HDD): Could solve storage capacity but would not improve speed.

? Option D (RAM): Affects multitasking and memory-intensive tasks, not storage capacity directly.

CompTIA A+ Core 1 Exam Objective Reference:

? Objective 3.5: Given a scenario, troubleshoot problems related to storage devices.

NEW QUESTION 37

- (Topic 1)

An end user's domain password expires while they are working from home. The end user tries to reset the password using Ctrl+Alt+Delete and then receives the following message:

Configuration information could not be read from the domain controller, either because the machine is unavailable or because access is denied.

Which of the following will resolve this issue?

- A. Restart the computer.
- B. Connect to the VPN.
- C. Reset the account in Active Directory.
- D. Join the Wi-Fi network.

Answer: B

Explanation:

Comprehensive and Detailed In-Depth Explanation:

To change a domain password from a remote location, the system must communicate with the domain controller. Since the user is working from home, they need to connect to the corporate VPN to establish that secure connection. Without it, the password change cannot be authenticated.

? Option A: Restarting will not resolve the lack of connection to the domain controller.

? Option C: Resetting the password in AD could help, but doesn't let the user reset it themselves.

? Option D: The user may already be on Wi-Fi; the issue is with connecting to the corporate network, not local.

CompTIA A+ Core 1 Exam Objective Reference:

? Objective 1.6: Given a scenario, configure basic mobile device network connectivity and application support.

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NEW QUESTION 40

- (Topic 1)

Which of the following resolutions is commonly known as Ultra HD?

- A. 1920x1080
- B. 2048x1080
- C. 3840x2160
- D. 7680x4320

Answer: C

Explanation:

Comprehensive and Detailed In-Depth Explanation:

Ultra HD (UHD), also referred to as 4K UHD, has a resolution of 3840x2160. It's four times the resolution of standard 1080p (Full HD), offering more screen real estate and sharper images.

? Option A (1920x1080): Full HD (FHD), not UHD.

? Option B (2048x1080):DCI 2K — used in cinema, not common for Ultra HD.
? Option D (7680x4320):Known as 8K UHD, not standard Ultra HD. CompTIA A+ Core 1 Exam Objective Reference:
? Objective 1.7: Compare and contrast display technologies and their features.
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NEW QUESTION 43

- (Topic 1)

Which of the following network services is used to assign an IP address to a network host?

- A. DHCP
- B. DNS
- C. LDAP
- D. SMTP

Answer: A

Explanation:

DHCP (Dynamic Host Configuration Protocol) is the service used to automatically assign IP addresses to network hosts. It dynamically manages the distribution of IP addresses and configuration details (like subnet mask, gateway, and DNS servers), ensuring no two devices are assigned the same address on the network.

Option B (DNS): Incorrect. DNS translates domain names into IP addresses but does not assign them.

Option C (LDAP): Incorrect. LDAP is a protocol used for accessing and maintaining directory services, such as user information and permissions.

Option D (SMTP): Incorrect. SMTP is used for sending and receiving email, not for IP address assignment.

References:

CompTIA A+ Core 1 Objectives: 2.5 (Network configuration)

NEW QUESTION 45

- (Topic 1)

A user's wireless headset shows a "connected" status when turned on, but the Bluetooth list on the user's phone shows that the headset is "not connected." Which of the following should the technician do?

- A. Enter the PIN.
- B. Turn off Wi-Fi.
- C. Re-pair the devices.
- D. Enable Bluetooth.

Answer: C

Explanation:

Comprehensive and Detailed In-Depth Explanation:

When a device shows as not connected even though it previously paired, the most effective action is to re-pair the devices. This resets the Bluetooth connection, clears any corruption in pairing profiles, and re-establishes communication.

? Option A: Entering a PIN is only relevant during initial pairing and may not be prompted again.

? Option B: Turning off Wi-Fi doesn't typically affect Bluetooth; they operate on similar frequencies but don't conflict this way in normal use.

? Option D: If Bluetooth were disabled, the device wouldn't appear at all, not just show as "not connected."

CompTIA A+ Core 1 Exam Objective Reference:

? Objective 1.5: Given a scenario, connect and configure accessories and ports of mobile devices.

NEW QUESTION 48

- (Topic 1)

A help desk technician needs to work on a high-volume printer. Users have reported occasional paper jams and smudges appearing on printed documents. Which of the following steps should the technician do next to address these issues?

- A. Perform a full factory reset.
- B. Check and clean the rollers.
- C. Change all the ink or toner cartridges.
- D. Replace the fuser.

Answer: B

Explanation:

Comprehensive and Detailed In-Depth Explanation:

Paper jams and smudging in high-volume printers are often caused by dirty or worn rollers. Rollers are responsible for feeding the paper through the printer. Over time, they accumulate dust, toner residue, or wear out, resulting in misfeeds or jams. Cleaning or replacing them typically resolves this issue.

? Option A (Factory reset): A full reset does not directly address mechanical issues like dirty rollers or smudging. It's a last resort and more relevant to configuration or software-related issues.

? Option C (Change toner cartridges): While toner quality can affect print quality, it won't usually cause jams or widespread smudging unless the cartridge is leaking — which is less likely across multiple users.

? Option D (Replace the fuser): A damaged fuser could cause smudging, but this is typically after extensive use and is not the first thing to check. Fuser issues also usually present more persistent, uniform smudges.

CompTIA A+ Core 1 Exam Objective Reference:

? Objective 3.7: Given a scenario, troubleshoot common printer problems.

NEW QUESTION 53

- (Topic 1)

When installing a network printer, a technician needs to ensure the printer is available after a network is restarted. Which of the following should the technician set up on the printer to meet this requirement?

- A. Static IP address
- B. Private address
- C. Wi-Fi on the printer
- D. Dynamic addressing

Answer: A

Explanation:

Comprehensive and Detailed In-Depth Explanation:

Assigning a static IP address to a network printer ensures it always retains the same address, allowing users and print servers to consistently reach it even after a reboot or network refresh.

? Option B (Private address): Refers to address ranges (e.g., 192.168.x.x) — doesn't guarantee address persistence.

? Option C (Wi-Fi): Is a connection method, not a method of IP assignment.

? Option D (Dynamic addressing): Via DHCP, which can change over time unless reservations are made (less reliable).

CompTIA A+ Core 1 Exam Objective Reference:

? Objective 3.4: Given a scenario, install and configure printers.

NEW QUESTION 55

- (Topic 1)

A user is unable to access secure applications on their tablet when working from home a couple days per week, but the applications work when in the office. Which of the following services most likely needs to be reconfigured to allow for remote work?

- A. Global Positioning System
- B. Mobile device management
- C. Wi-Fi Protected Access
- D. Near-field communication

Answer: B

Explanation:

Comprehensive and Detailed In-Depth Explanation:

Mobile Device Management (MDM) software often controls access to corporate resources based on location, network, or VPN status. If the MDM is not configured to allow access from outside the office or via home networks, the apps may be blocked. This is the most probable cause if apps work only on-premises.

? Option A: GPS is used for location services, not access control.

? Option C: WPA is a Wi-Fi security protocol, not related to access restrictions.

? Option D: NFC enables close-range communication — irrelevant to app access. CompTIA A+ Core 1 Exam Objective Reference:

? Objective 1.6: Given a scenario, configure basic mobile device network connectivity and application support.

NEW QUESTION 59

- (Topic 1)

A technician needs to confirm that desktop PCs can be deployed to a global, remote workforce. Which of the following specifications should the technician validate?

- A. Input voltage
- B. BIOS language support
- C. Supply chain security
- D. Power efficiency

Answer: A

Explanation:

Input voltage must be validated to ensure desktop PCs can operate in different regions with varying power standards (e.g., 110V in North America vs. 220V in Europe). Failure to verify input voltage compatibility can lead to hardware damage or operational issues.

Option B (BIOS language support): Incorrect. While language support may be helpful, it is not critical for hardware deployment across regions.

Option C (Supply chain security): Incorrect. This refers to ensuring secure sourcing of components but does not directly impact deployment.

Option D (Power efficiency): Incorrect. Power efficiency may be important for energy savings but is not relevant to regional compatibility.

References:

CompTIA A+ Core 1 Objectives: 3.5 (Power supply requirements)

NEW QUESTION 63

- (Topic 1)

A user prints a job from a laser printer. The user wipes the page, and the words and images come off of it. The technician replaces the toner cartridge, but the issue persists. Which of the following components should the technician replace next?

- A. Fuser
- B. Drum
- C. Developer roller
- D. Discharge lamp

Answer: A

Explanation:

Comprehensive and Detailed In-Depth Explanation:

In laser printers, the fuser unit is responsible for melting the toner onto the paper using heat and pressure. If the toner rubs off easily, it's a clear sign the fuser is failing or not heating properly. Replacing the fuser will ensure the toner bonds correctly to the paper.

? Option B (Drum): Transfers the image, but doesn't fuse the toner.

? Option C (Developer roller): Applies toner to the drum — wouldn't cause toner to rub off.

? Option D (Discharge lamp): Prepares the drum for a new image; not related to

toner adhesion.
CompTIA A+ Core 1 Exam Objective Reference:
? Objective 3.7: Given a scenario, troubleshoot common printer problems.
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NEW QUESTION 64

- (Topic 1)
A small company wants the ability to print in full color but needs to pay a minimal initial purchase price for the printer Which of the following is the best option?

- A. Thermal printer
- B. Inkjet printer
- C. Dot matrix printer
- D. Laser printer

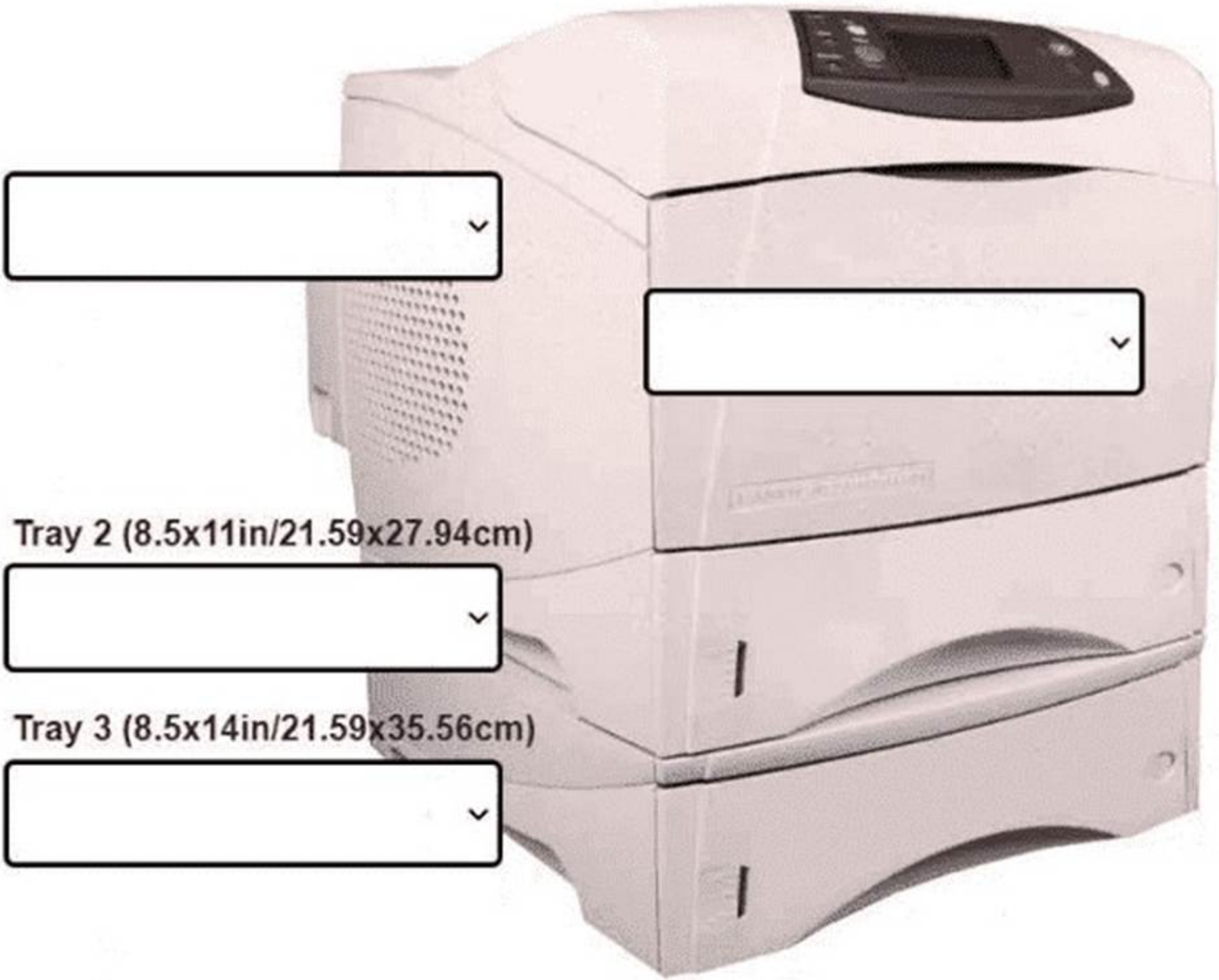
Answer: B

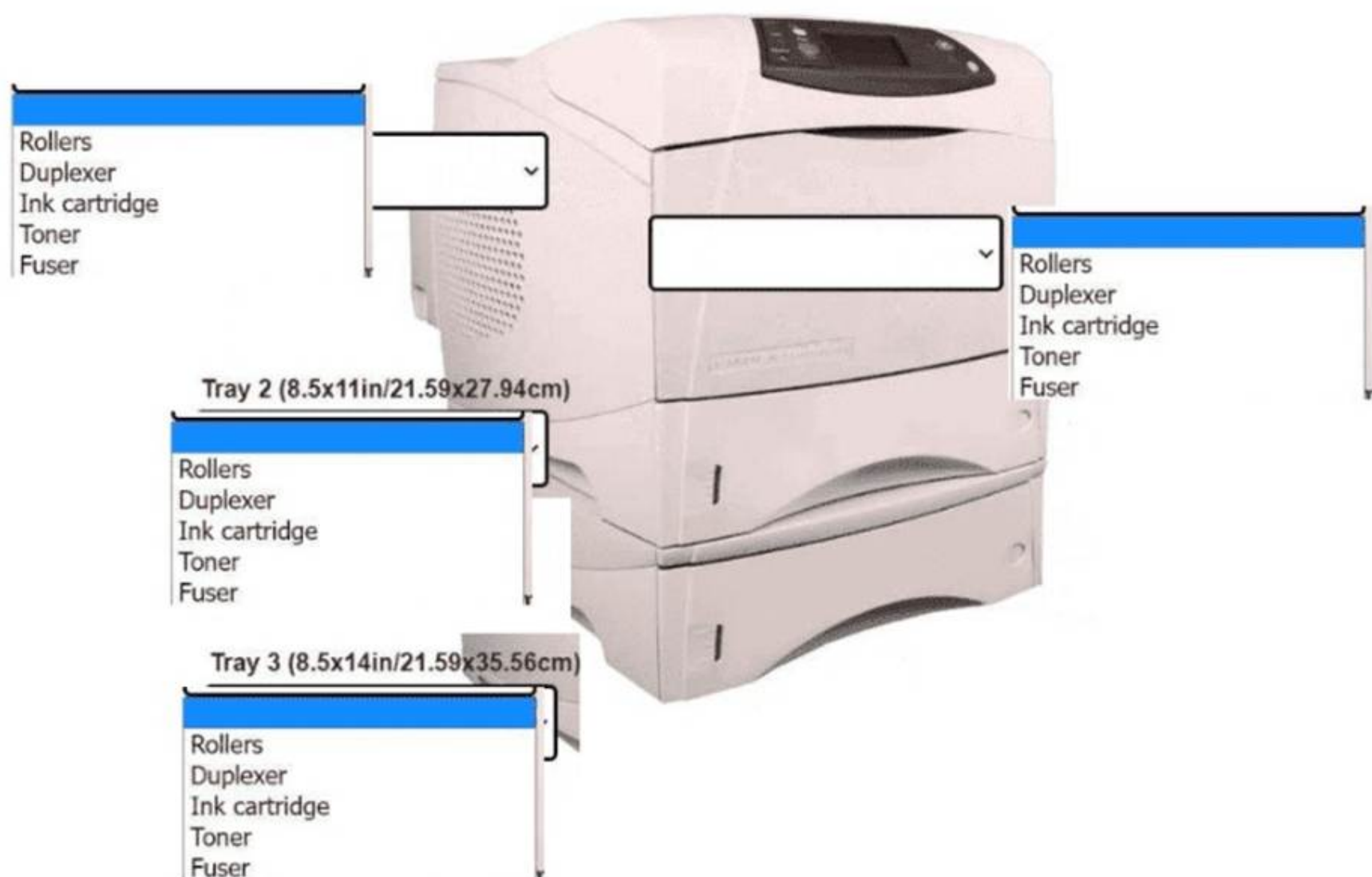
Explanation:

Inkjet printers are the best choice for a small company seeking full-color printing with a minimal initial cost. While they have higher operating costs (due to ink), they are affordable and capable of high-quality color output.
Why Not A (Thermal printer): Thermal printers are not designed for color printing and are typically used for labels or receipts.
Why Not C (Dot matrix printer): Dot matrix printers are outdated, noisy, and do not support full-color printing.
Why Not D (Laser printer): Laser printers have lower running costs but a higher initial purchase price, especially for color models.
CompTIA A+ Exam Reference: Core 2 (220-1102), Section 4.6, printer types.

NEW QUESTION 68

HOTSPOT - (Topic 2)
An office manager reports that a printer is experiencing performance issues. Printouts are smudging when they are handled, and, recently whenever they need to print legal sized documents, the paper jams before anything is printed on it. The following paper sizes are used: Letter (8.5x11in/21.59x27.94cm) Legal (8.5x14in/21.59x35.56cm) Oversized (11x17in/27.94x43.18cm)





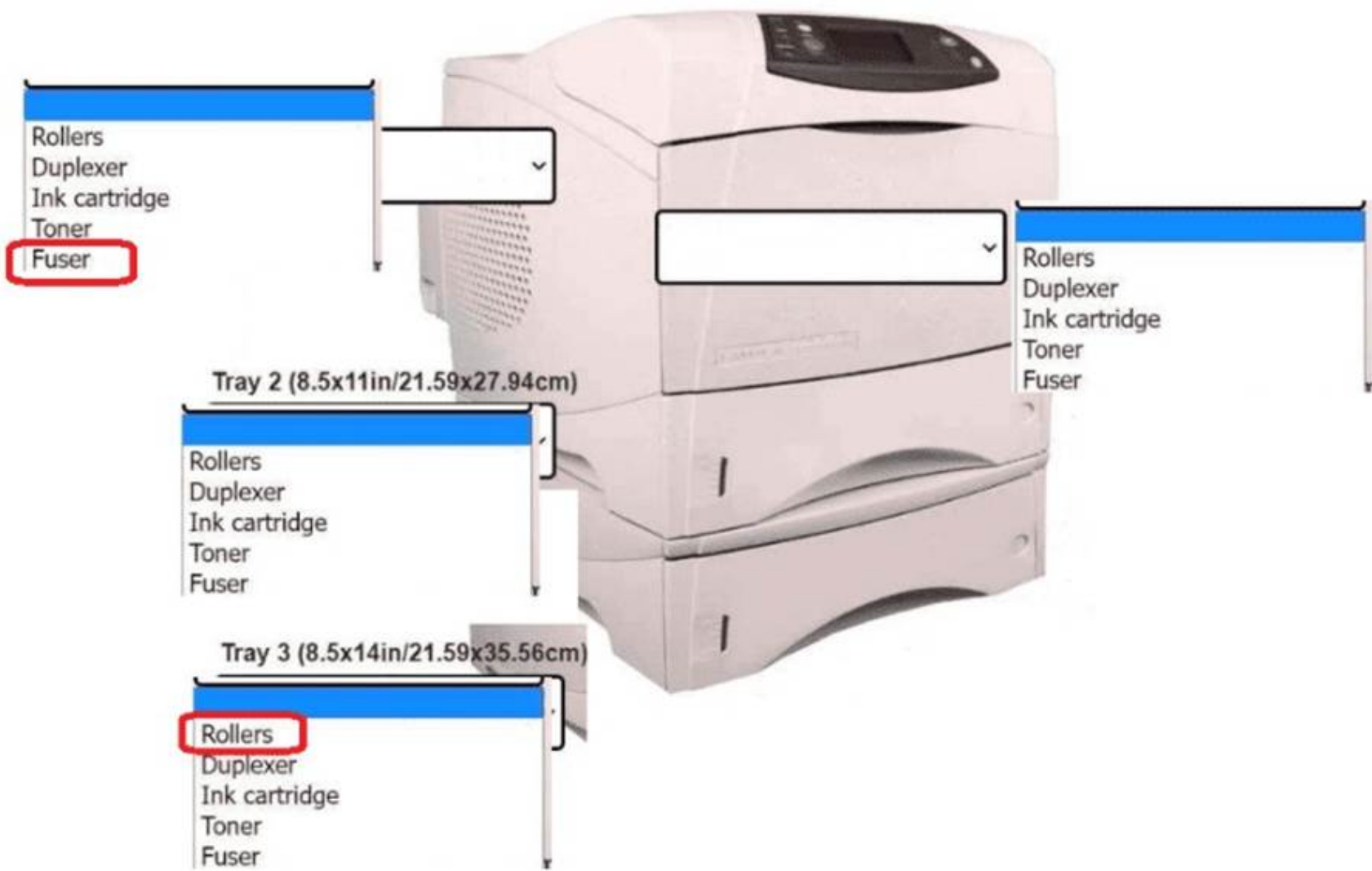
INSTRUCTIONS

Using the dropdown menus, select from the available printer parts to replace only the faulty components on the office printer to resolve the stated issues. If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



A printer with text boxes
AI-generated content may be incorrect.

NEW QUESTION 70

HOTSPOT - (Topic 2)

A technician is diagnosing several device issues reported by employees.

INSTRUCTIONS

Click on each device to review the issue. Then select the appropriate issue and solution from the drop-down menu. Each option may be used more than once.



Select an issue

Select a solution



Select an issue

Select a solution



Select an issue

Select a solution



Select an issue

Select a solution



Select an issue

Select a solution

Select an issue

Select a solution



Select an issue

Select a solution

Select an issue

Select a solution



Select an issue

Select a solution

Select an issue

Select a solution



Select an issue

Select a solution

Select an issue

Select a solution



Select an issue

Select a solution

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- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



A screenshot of a computer
AI-generated content may be incorrect.

NEW QUESTION 75
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