

220-1102^{Q&As}

CompTIA A+ Certification Exam: Core 2

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QUESTION 1

While staying at a hotel, a user attempts to connect to the hotel Wi-Fi but notices that multiple SSIDs have very similar names. Which of the following social-engineering attacks is being attempted?

- A. Evil twin
- B. Impersonation
- C. Insider threat
- D. Whaling

Correct Answer: A

An evil twin is a type of social-engineering attack that involves setting up a rogue wireless access point that mimics a legitimate one. The attacker can then intercept or modify the traffic of the users who connect to the fake SSID. The attacker may also use phishing or malware to steal credentials or personal information from the users

QUESTION 2

A network technician is deploying a new machine in a small branch office that does not have a DHCP server. The new machine automatically receives the IP address of 169.254.0.2 and is unable to communicate with the rest of the network. Which of the following would restore communication?

- A. Static entry
- B. ARP table
- C. APIPA address
- D. NTP specification

Correct Answer: A

QUESTION 3

The audio on a user's mobile device is inconsistent when the user uses wireless headphones and moves around. Which of the following should a technician perform to troubleshoot the issue?

- A. Verify the Wi-Fi connection status.
- B. Enable the NFC setting on the device.
- C. Bring the device within Bluetooth range.
- D. Turn on device tethering.

Correct Answer: C

Bringing the device within Bluetooth range is the best way to troubleshoot the issue of inconsistent audio when using

wireless headphones and moving around. Bluetooth is a wireless technology that allows devices to communicate over short distances, typically up to 10 meters or 33 feet. If the device is too far from the headphones, the Bluetooth signal may be weak or interrupted, resulting in poor audio quality or loss of connection.

QUESTION 4

A home office user wants to ensure a PC is backed up and protected against local natural disasters and hardware failures. Which of the following would meet the user's requirements?

- A. Using an agent-based cloud backup solution
- B. Implementing a grandfather-father-son backup rotation
- C. Automating backups to a local network share
- D. Saving files manually to an external drive

Correct Answer: A

QUESTION 5

DRAG DROP

A customer recently experienced a power outage at a SOHO.






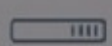


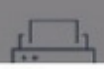

The customer does not think the components are connected properly.

A print job continued running for several minutes after the power failed, but the customer was not able to interact with the computer.

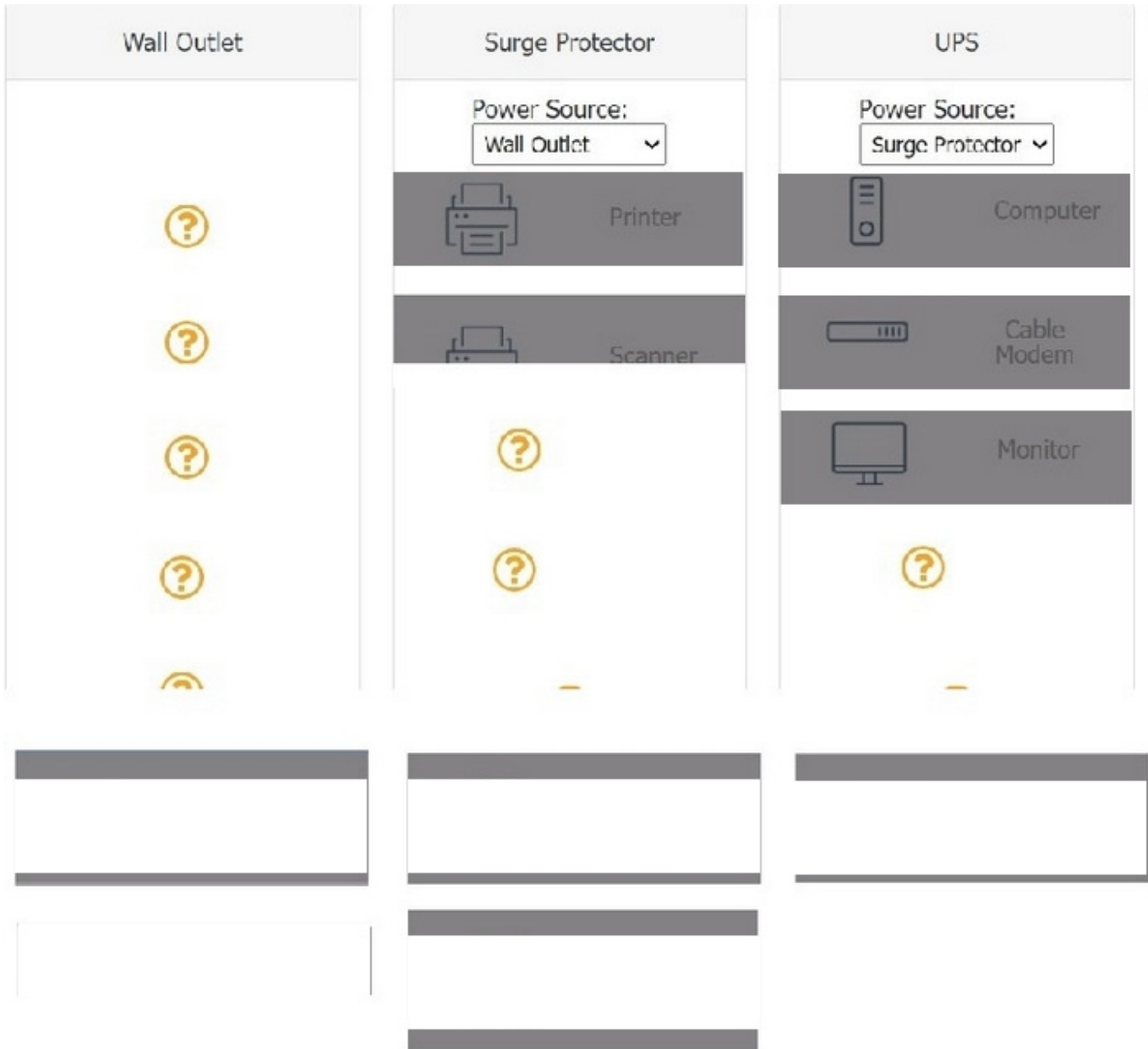
Once the UPS stopped beeping, all functioning devices also turned off.

In case of a future power failure, the customer wants to have the most time available to save cloud documents and shut down the computer without losing any data.

Select and Place:

Wall Outlet	Surge Protector	UPS
	Power Source: <input type="text" value="Wall Outlet"/>  	Power Source: <input type="text" value="Surge Protector"/>  
 Cable Modem	 Computer	 Monitor
 Scanner	 Printer	

Correct Answer:



UPS > Surge protector = Computer, wifi router, cable modem
Surge protector = wallOutlet , printer and scanner

QUESTION 6

A technician is reimaging a desktop PC. The technician connects the PC to the network and powers it on. The technician attempts to boot the computer via the NIC to image the computer, but this method does not work. Which of the following is the MOST likely reason the computer is unable to boot into the imaging system via the network?

- A. The computer's CMOS battery failed.
- B. The computer's NIC is faulty.
- C. The PXE boot option has not been enabled.

D. The Ethernet cable the technician is using to connect the desktop to the network is faulty.

Correct Answer: C

The Preboot Execution Environment.

They want to assume the technician is turning on the PC to reimage the drive through company network via PXE.

Before ruling out hardware is faulty, check the BIOS/UEFI that you have this configured.

<https://www.techtarget.com/searchnetworking/definition/Preboot-Execution-Environment>

QUESTION 7

A small library has an integrated switch and router that is not wireless. All of the public PCs in the library are connected to the device. Which of the following is the FIRST thing the library should do to deter curious patrons from interfering with the device?

- A. Configure DNS to resolve externally rather than internally
- B. Enable MAC filtering to permit public PCs
- C. Change the default user name and password
- D. Set up the DHCP server to use a different gateway option

Correct Answer: C

QUESTION 8

Which of the following is an example of MFA?

- A. Fingerprint scan and retina scan
- B. Password and PIN
- C. Username and password
- D. Smart card and password

Correct Answer: D

Smart card and password is an example of two-factor authentication (2FA), not multi-factor authentication (MFA). MFA requires two or more authentication factors. Smart card and password is an example of two-factor authentication (2FA)

QUESTION 9

An organization is centralizing support functions and requires the ability to support a remote user's desktop. Which of the following technologies will allow a technician to see the issue along with the user?

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

Correct Answer: B

VNC will allow a technician to see the issue along with the user when an organization is centralizing support functions and requires the ability to support a remote user's desktop

QUESTION 10

A network technician installed a SOHO router for a home office user. The user has read reports about home routers being targeted by malicious actors and then used in DDoS attacks.

Which of the following can the technician MOST likely do to defend against this threat?

- A. Add network content filtering.
- B. Disable the SSID broadcast.
- C. Configure port forwarding.
- D. Change the default credentials.

Correct Answer: D

One of the most effective ways to defend against malicious actors targeting home routers for DDoS attacks is to change the default credentials of the router. The default credentials are often well-known or easily guessed by attackers, who can then access and compromise the router settings and firmware. By changing the default credentials to strong and unique ones, a technician can prevent unauthorized access and configuration changes to the router. Adding network content filtering may help block some malicious or unwanted websites but may not prevent attackers from exploiting router vulnerabilities or backdoors. Disabling the SSID broadcast may help reduce the visibility of the wireless network but may not prevent attackers from scanning or detecting it. Configuring port forwarding may help direct incoming traffic to specific devices or services but may not prevent attackers from sending malicious packets or requests to the router. References: CompTIA A+ Core 2 (220-1102) Certification Exam Objectives Version 4.0, Domain 3.3

QUESTION 11

Which of the following protocols supports fast roaming between networks?

- A. WEP
- B. WPA
- C. WPA2
- D. LEAP
- E. PEAP

Correct Answer: C

WPA2 is the only protocol among the options that supports fast roaming between networks. Fast roaming, also known as IEEE 802.11r or Fast BSS Transition (FT), enables a client device to roam quickly in environments implementing WPA2

Enterprise security, by ensuring that the client device does not need to re-authenticate to the RADIUS server every time it roams from one access point to another¹. WEP, WPA, LEAP, and PEAP do not support fast roaming and require the client device to perform the full authentication process every time it roams, which can cause delays and interruptions in the network service.

References:

The Official CompTIA A+ Core 2 Study Guide², page 263.

WiFi Fast Roaming, Simplified³

QUESTION 12

A technician has verified that a user's computer has a virus, and the antivirus software is out of date. Which of the following steps should the technician take NEXT?

- A. Quarantine the computer.
- B. use a previous restore point,
- C. Educate the end user about viruses
- D. Download the latest virus definitions

Correct Answer: D

This will ensure that the antivirus software is up-to-date, and can detect any new viruses that may have been released since the last virus definition update.

The CompTIA A+ Core 2 220-1002 exam covers this topic in the following domains: 1.3 Explain the importance of security awareness and 2.2 Given a scenario, use secure data management and disaster recovery principles.

QUESTION 13

A technician is partitioning a hard disk. The five primary partitions should contain 4TB of free space. Which of the following partition styles should the technician use to partition the device?

- A. EFS
- B. GPT
- C. MBR
- D. FAT32

Correct Answer: B

QUESTION 14

A customer calls a service support center and begins yelling at a technician about a feature for a product that is not working to the customer's satisfaction. This feature is not supported by the service support center and requires a field technician to troubleshoot. The customer continues to demand service. Which of the following is the BEST course of action for the support center representative to take?

- A. Inform the customer that the issue is not within the scope of this department.
- B. Apologize to the customer and escalate the issue to a manager.
- C. Ask the customer to explain the issue and then try to fix it independently.
- D. Respond that the issue is something the customer should be able to fix.

Correct Answer: B

QUESTION 15

A technician is troubleshooting boot times for a user. The technician attempts to use MSConfig to see which programs are starting with the OS but receives a message that it can no longer be used to view startup items. Which of the following programs can the technician use to view startup items?

- A. msinfo32
- B. perfmon
- C. regedit
- D. taskmgr

Correct Answer: D

When troubleshooting boot times for a user, a technician may want to check which programs are starting with the operating system to identify any that may be slowing down the boot process. MSConfig is a tool that can be used to view

startup items on a Windows system, but it may not always be available or functional. In this scenario, the technician receives a message that MSConfig cannot be used to view startup items. As an alternative, the technician can use Task

Manager (taskmgr), which can also display the programs that run at startup. To access the list of startup items in Task Manager, the technician can follow these steps:

Open Task Manager by pressing Ctrl+Shift+Esc.

Click the "Startup" tab.

The list of programs that run at startup will be displayed.