

Exam Questions 220-1002

CompTIA A+ Certification Exam: Core 2

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NEW QUESTION 1

A security team is auditing a company's network logs and notices that a USB drive was previously inserted into several of the servers. Many login attempts were then successfully performed using common login information.

Which of the following actions should be taken to close the vulnerability? (Select two.)

- A. Disable guest account
- B. Remove admin permissions
- C. Modify AutoRun settings
- D. Change default credentials
- E. Run OS security updates
- F. Install a software firewall

Answer: AC

NEW QUESTION 2

A customer purchased a 3TB HDD to use with a Windows 7 PC and wants to have letter "J" assigned only to the drive. Which of the following types of partitioning should be performed to give the customer full use of the 3 TB drive?

- A. GPT
- B. Dynamic
- C. Basic
- D. Extended

Answer: A

NEW QUESTION 3

A manager with a restricted user account receives the following error message: Windows Update cannot currently check for updates because the service is not running.

The manager contacts the help desk to report the error. A technician remotely connects to the user's computer and identifies the problem. Which of the following should the technician do NEXT?

- A. Reboot the computer
- B. Restart the network services
- C. Roll back the device drivers
- D. Rebuild the Windows profiles

Answer: B

NEW QUESTION 4

A company's security policy does not allow USB drives to be available in workstations. However, an exception needs to be made for a user. The network administrator changes the policy for the user. Which of the following commands should the administrator run on the user's workstation?

- A. chkdsk
- B. netstat
- C. gpupdate
- D. diskpart

Answer: C

NEW QUESTION 5

A user is trying to install a very large .dmg file on a Windows computer but is receiving an error message. Which of the following is causing the error?

- A. Small hard drive
- B. Insufficient RAM
- C. OS compatibility
- D. Folder permissions

Answer: C

NEW QUESTION 6

Joe, a user, returns his computer to the technician who performed a virus removal on it the week before. Joe states that several symptoms have returned. Which of the following should the technician have covered previously as part of the original repair?

- A. End-user education
- B. Pre-installation environment cleaning
- C. Disabling of System Restore
- D. Infected system quarantine

Answer: A

NEW QUESTION 7

A technician wants to deploy a solution to manage a computer remotely. The technician is not allowed to modify any network configuration and is not able to forward any ports on the router to internal devices. Which of the following remote access technologies would be BEST suited for this situation?

- A. Remote desktop protocol

- B. Telnet client
- C. Virtual network computer
- D. Third-party tools
- E. Secure shell

Answer: C

NEW QUESTION 8

Joe, a customer, calls a technician to report a remote computer is demonstrate erratic behavior while he is working on it. The technician verifies the files and directories Joe is working on locally cannot be open in any application, and the computer is extremely slow. Which of the following is the MOST likely cause of this issue?

- A. Files disappearing
- B. File permission changes
- C. Application crash
- D. Too many start items

Answer: A

NEW QUESTION 9

Which of the following Windows OS technologies is used to store remote data accessed via a WAN connection on local servers for user access?

- A. BranchCache
- B. Swap partition
- C. Domain access
- D. Proxy server

Answer: A

NEW QUESTION 10

Joe, a technician, receives notification that a share for production data files on the network is encrypted. Joe suspects a crypto virus is active. He checks the rights of the network share to see which departments have access. He then searches the user directories of those departmental users who are looking for encrypted files. He narrows his search to a single user's computer. Once the suspected source of the virus is discovered and removed from the network, which of the following should Joe do NEXT?

- A. Educate the end user on safe browsing and email habits.
- B. Scan and remove the malware from the infected system.
- C. Create a system restore point and reboot the system.
- D. Schedule antivirus scans and perform Windows updates.

Answer: D

NEW QUESTION 10

A client wants a technician to create a PC naming convention that will make the client's PCs easier to track and identify while in use. Which of the following naming convention formats should the technician follow?

- A. Domain name, location, IP address
- B. Domain name, location, asset ID
- C. Asset ID, MAC address
- D. Location, RFID

Answer: C

NEW QUESTION 11

Which of the following can be applied directly to an organizational unit in Active Directory to provide security to both the user and the machine?

- A. Folder Redirection
- B. Group Policy
- C. Security Groups
- D. Home Folder

Answer: C

NEW QUESTION 14

A user who is running Windows 10 logs into a machine and notices that shared drives are missing, the "My Documents" folder is empty, and personal settings are reset. Which of the following would be required to resolve the issue?

- A. Remove the registry entry and rename the local account folder
- B. Delete or rename the local user folder
- C. Run DISM and re-add the local power user account
- D. Remove the user account in Credential Manager and restart the PC

Answer: C

NEW QUESTION 18

A desktop technician is attempting to upgrade several machines to Windows 10. After releasing there is only one disc for the installation, the technician decides to upgrade over the network. Which of the following boot methods initiates such an upgrade?

- A. SSD
- B. Optical drive
- C. Flash drive
- D. PXE

Answer: D

NEW QUESTION 19

A technician is cleaning up a warehouse and several old CRT monitors and UPS units. The technician removes the batteries from the UPSs and wants to comply with proper disposal techniques.

Which of the following should the technician do NEXT to proceed with disposal of the batteries?

- A. Place security In trash receptacles
- B. Refer to the manufacture's specific usage
- C. Review the material safety data sheet
- D. Conduct an Internal search of disposal techniques

Answer: C

NEW QUESTION 20

While attempting to install a new program, an end user is notified the workstation meets the memory requirements, but it does not meet the requirements for free space. Due to time constraints the user needs a quick way to install and access the program. Which of the following is the BEST option given the solution?

- A. Install to a network drive
- B. Install to a USB drive
- C. Install to a DVD-RW
- D. Install to a security internal_HDD

Answer: A

NEW QUESTION 21

A technician is working on a Windows 10 PC that is running slowly.

Which of the following commands should the technician use to correct this issue? (Select two.)

- A. dir
- B. chdisk
- C. dism
- D. ipconfig
- E. format
- F. diskpart

Answer: BC

NEW QUESTION 24

A user's computer is displaying a black screen. The technician restarts the computer, but the OS still does not load. The technician discovers the OS was patched the previous evening.

Which of the following should the technician attempt NEXT?

- A. Reboot into safe mode and roll back the updates
- B. Repair the Windows Registry
- C. Configure boot options in the BIOS
- D. Disable Windows services and applications

Answer: A

NEW QUESTION 27

A technician is attempting to repair a Windows computer that is infected with malware. The machine is quarantined but still cannot boot into a standard desktop.

Which of the following is the most likely NEXT step?

- A. Disable System Restore.
- B. Create a restore point.
- C. Apply system updates.
- D. Restart into safe mode.

Answer: D

NEW QUESTION 28

Ann, a customer, calls a technician and states that she is very concerned about the privacy of her home computer and the security of her home network while browsing the Internet. Which of the following would the technician MOST likely discuss with Ann to educate her on security concepts addressing her concerns? (Choose two.)

- A. Firewall
- B. Antivirus
- C. Email filtering

- D. ACLs
- E. VPN

Answer: AE

NEW QUESTION 33

Which of the following threats uses personalized information in an attempt at obtaining information?

- A. Whaling
- B. Impersonation
- C. Spoofing
- D. Spear phishing

Answer: D

NEW QUESTION 38

A security administrator does some network testing and identifies significant issues with security on desktop computers. As part of remediation, the network administrator is developing documentation based on best practices for applying updates to end users' computers. The network administrator must create the process documentation needed to submit back to the security administrator for approval. Which of the following process documents would the network administrator MOST likely create? (Choose two.)

- A. Risk analysis
- B. End-user acceptance
- C. Backout plan
- D. Plan for change
- E. Business processes
- F. Request for proposal

Answer: CD

NEW QUESTION 42

A user notices recent print jobs are not printing to the local printer despite printing fine yesterday. There are no errors indicated on the taskbar printer icon. Which of the following actions should the user take FIRST?

- A. Check to ensure the printer selected is the default printer
- B. Check the status of the print server queue
- C. Cancel all documents and print them again
- D. Check that the printer is not offline print mode

Answer: B

NEW QUESTION 46

A user's phone contains customer's PII. The user cannot have the phone automatically wiped because the data is very valuable. Which of the following is the BEST method of securing the phone?

- A. Fingerprint lock
- B. Passcode lock
- C. Swipe lock
- D. PIN lock

Answer: A

NEW QUESTION 48

A company brings in contractors several times a year to perform inventory, and the contractors use company supplied laptops. The company's security policy states that once the inventory is completed, the contractors should not be able to log in to the laptops until the next inventory.

Which of the following BEST enforces this policy?

- A. Delete the user accounts
- B. Disable the user accounts
- C. Restrict the user accounts
- D. Reset the user accounts

Answer: A

NEW QUESTION 50

A small business has an open WiFi network for employees but does not want customers to connect to the access point. A technician has been dispatched to address the business's concerns. Which of the following configuration settings should the technician change to satisfy the requirements of the business? (Select two.)

- A. Default SSID
- B. MAC filtering
- C. NAT
- D. QoS
- E. Signal strength
- F. Encryption

Answer: BE

NEW QUESTION 55

A technician is repairing a computer. Which of the following should the technician do to protect the computer from accidental voltage spikes?

- A. Practice electrical fire safety.
- B. Clean tools properly before use.
- C. Remove any jewelry.
- D. Connect a proper ESD strap.

Answer: D

NEW QUESTION 56

Every time a user manually runs an antivirus scan, the workstation becomes unresponsive, and the user has to reboot. A technician is dispatched and sees an antivirus pop-up in the system tray, indicating the computer is severely damaged, and a "click here" button to resolve it. There is a timer in the pop-up, counting down the time until the computer is no longer usable. Which of the following should the technician do NEXT?

- A. Research the pop-up to see if it is a legitimate malware solution.
- B. Click on the pop-up window to resolve the issue before the time runs out.
- C. Send an email to all staff members warning them of malware on their system.
- D. Disconnect the Ethernet cable from the workstation and disable WiFi.

Answer: D

NEW QUESTION 57

A technician is installing the latest OS on a user's system. The user wants all of the settings and file to remain intact during the installation. Which of the following upgrade methods should the technician use?

- A. network installation
- B. clean install
- C. in-place upgrade
- D. image deployment

Answer: C

NEW QUESTION 61

Which of the following devices provides protection against brownouts?

- A. battery backup
- B. surge suppressor
- C. rack grounding
- D. line conditioner

Answer: A

NEW QUESTION 63

Users notify the help desk of an email that was just received. The email came from the help desk's email address and asked the users to click on an embedded link. This email is BEST described as:

- A. phishing.
- B. zombie.
- C. whaling.
- D. spoofing.

Answer: D

NEW QUESTION 68

A user reports slow performance on a computer. A technician checks the computer and finds the RAM utilization is very high. The technician restarts the computer, and the RAM use is still high. The technician discovers a program running in the background is using most of the RAM. The user only uses this program once at the end of the year to produce a report. Which of the following steps should the technician take to improve the computer's performance?

- A. Uninstall and reinstall the program.
- B. Perform a repair installation of the program
- C. Install the latest updates for the program.
- D. Disable the program on startup.

Answer: A

NEW QUESTION 72

Joe, a user, calls the help desk from a coffee shop while on a business trip to report the WiFi hotspot on his phone is extremely slow. The technician runs a speed test from a laptop connected to the hotspot and gets 200Kbps. Ann, Joe's coworker with whom he is travelling, also has a hotspot on her phone, and the speed test result on that hotspot is 15Mbps. The technician checks the hotspot settings on Joe's phone and sees the following:

| | |
|----------------------------|---------------|
| Network name: | Joe's Hotspot |
| Security: | WPA2/PSK |
| Password: | hotspot |
| Band: | 2.4GHz |
| Client DHCP start address: | 192.168.23.1 |

Which of the following is the MOST likely cause of the problem?

- A. Joe should be using WEP security on his hotspot for faster throughput
- B. Someone else is using Joe's hotspot due to weak password
- C. Joe's hotspot gave him an invalid IP address
- D. Joe is likely in a poor signal area and should try another area

Answer: B

NEW QUESTION 74

Which of the following should be enacted to reduce a company's liability and exposure to a potential lawsuit?

- A. Acceptable use policy
- B. Incident documentation policy
- C. Password compliance policy
- D. Change control policy

Answer: C

NEW QUESTION 75

Which of the following BEST describes the purpose of an ESD mat?

- A. Protects against accidental static discharge
- B. Protects against dust/dirt contamination
- C. Protects against accidental scratches
- D. Protects against accidental water damage

Answer: A

NEW QUESTION 80

A SOHO user calls a technician and wants to secure a home network. The SOHO user needs to have protection from physical connections and ensure that employees cannot access applications or personal emails. Which of the following would the technician MOST likely configure on the new network device to accommodate this SOHO user's request? (Select TWO).

- A. MAC filtering
- B. Default SSID
- C. Radio power levels
- D. Content filtering
- E. Physical security

Answer: DE

NEW QUESTION 85

A technician is troubleshooting a print issue on a Windows computer and want to disable the printer to test a theory, Which of the following should the technician use to accomplish this?

- A. Devices and Printer
- B. Sync Center
- C. Device Manager
- D. Power Option

Answer: D

NEW QUESTION 90

A user's Windows laptop has become consistently slower over time. The technician checks the CPU utilization and sees that it varies between 95% and 100%. After the technician closes some running applications, the CPU utilization drops to approximately 20%, and the laptop runs much faster. The next day the same user calls again with the same problem. Which of the following is a tool the technician can use to resolve the issue?

- A. Task Manager
- B. MSTSC
- C. MSConfig
- D. PerfMon

Answer: A

NEW QUESTION 94

A technician has just finished installing a secondary OS on a workstation. After rebooting the computer, the technician receives the following error: No OS found.

The technician confirms the boot.ini file is correct.
Which of the following is MOST likely causing this error?

- A. The computer has GRUB Legacy installed
- B. Windows Startup services are not running
- C. An incompatible partition is marked as active
- D. An unsupported version of Windows is installed

Answer: C

NEW QUESTION 96

With which of the following types is a man-in-the-middle attack associated?

- A. Brute force
- B. Spoofing
- C. DDoS
- D. Zero-day

Answer: B

NEW QUESTION 98

After a security audit, a technician is tasked with implementing new measures to help secure company workstations. The new policy states that all workstations must be signed off at night, a password is necessary to boot the computer, and encryption must be enabled. Which of the following features should the technician implement to BEST meet these requirements? (Choose three.)

- A. Screen locks
- B. Screensaver passwords
- C. UEFI passwords
- D. Login time restrictions
- E. Strong passwords
- F. Multifactor authentication
- G. BitLocker
- H. Credential Manager
- I. Smart card
- J. Biometric authentication

Answer: ABG

NEW QUESTION 103

Which of the following NTFS security settings overrides all other settings?

- A. Deny
- B. Modify
- C. Read
- D. Write

Answer: D

NEW QUESTION 107

A network administrator has given a technician documentation detailing the switchports the technician will need to patch in for a network upgrade. Which of the following documents did the network administrator MOST likely give to the technician?

- A. Process diagram
- B. Physical network diagram
- C. Fiber backbone diagram
- D. Logical topology diagram

Answer: B

NEW QUESTION 110

A user contacts a technician to troubleshoot server errors. The user explains that some files will not open on the server, the data backups are operational, and the weather has been bad. The technician notices missing time slots in the event log.

Which of the following should the technician replace to prevent these issues in the future?

- A. System memory
- B. Surge protector
- C. Hard drives
- D. Battery backup

Answer: D

NEW QUESTION 111

Joe, an end user, just changed his network password. A pop-up box appears a few minutes later, prompting him to enter his password. Joe enters his new network password and is able to continue working. A few minutes later, the same pop-up box appears again, asking him to enter his network password. Which of the following Control Panel utilities can Joe use to help with this situation?

- A. Credential Manager

- B. Network and Sharing Center
- C. Security and Maintenance
- D. Troubleshooting

Answer: A

NEW QUESTION 113

A new company policy states that all end-user access to network resources will be controlled based on the users' roles and responsibilities within the organization. Which of the following security concepts has the company just enabled?

- A. Certificates
- B. Least privilege
- C. Directory permissions
- D. Blacklists

Answer: B

NEW QUESTION 114

A technician accessed a network share from a computer joined to workgroup. The technician logged in as "user1" and directed the computer to save the username and password. Several weeks later, the technician wants to log in to this network share using the administrator account. The computer does not prompt for a username and password, but it automatically logs in to the network share under the "user1" account. Which of the following would allow the technician to log in using the "administrator" username?

- A. Use the command: net use Z: \\filesrv\share
- B. Go to the Sync Center and disable the offline files feature.
- C. Delete the "user" account for the network share in Credential Manager.
- D. Join the computer and file server to a domain and delegate administrator rights to "user1".
- E. Use the Advanced Sharing options in the Network and Sharing Center and enable "turn on network discovery".

Answer: A

NEW QUESTION 117

A customer is presuming manager to get things done on time. Which of the following has the project failed to do this case?

- A. Follow up with the customer after project completion
- B. Mention a positive attitude during the project
- C. Disclose project expenses on social media
- D. Communicate with the customer clearly

Answer: D

NEW QUESTION 121

A user's mobile device is losing its battery charge very quickly. The user reports charge at 9:00 a.m. but has 22% battery by 1:00 p.m. The user has installed several applications, and the phone is relatively new, high-end phone. The user claims most of the usage involves checking emails for a few minutes three or four times per hour. Which of the following should a technician perform FIRST to diagnose the issue properly?

- A. Check the application and their resources usage.
- B. Order a replacement battery and see if the phone maintains its charge.
- C. Configure the email software to work on a fetch schedule instead of the push setting
- D. Wipe the phone screen brightness to 30%.
- E. Uninstall all the applications on the phone and see if the battery issues remain.

Answer: A

NEW QUESTION 124

A user's computer reports it has many virus infections and directs the user to call a phone number for assistance. A technician removes the hard drive and virus scans the drive with another computer. The scan does not identify any viruses. Which of the following is MOST likely the problem?

- A. Rootkit
- B. Zero-day malware
- C. Rogue antivirus
- D. Old virus definitions

Answer: D

NEW QUESTION 125

A technician receives a phone call regarding ransomware that has been detected on a PC in a remote office. Which of the following steps should the technician take FIRST?

- A. Disconnect the PC from the network
- B. Perform an antivirus scan
- C. Run a backup and restore
- D. Educate the end user

Answer: A

NEW QUESTION 129

A user believes there is a virus on a laptop. The user installs additional real-time protection antivirus software but is now experiencing extremely slow performance on the laptop. Which of the following should a technician do to resolve the issue and avoid recurrence?

- A. Activate real-time protection on both antivirus software programs
- B. Uninstall one antivirus software program and install a different one
- C. Run OS updates
- D. Enable the quarantine feature on both antivirus software programs
- E. Remove the user-installed antivirus software

Answer: E

NEW QUESTION 130

A MAC user's operating system became corrupted, and files were deleted after malware was downloaded. The user needs to access the data that was previously stored on the MAC. Which of the following built-in utilities should be used?

- A. Time Machine
- B. Snapshot
- C. System Restore
- D. Boot Camp

Answer: A

NEW QUESTION 132

A technician needs to edit a protected .dll file but cannot find the file in the System32 directory. Which of the following Control Panel utilities should the technician use?

- A. System
- B. Display
- C. Folder Options
- D. Indexing Options

Answer: C

NEW QUESTION 136

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