

Exam Questions 220-1002

CompTIA A+ Certification Exam: Core 2

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NEW QUESTION 1

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 2

A technician is installing a private PC in a public workspace. Which of the following password practices should the technician implement on the PC to secure network access?

- A. Remove the guest account from the administrators group
- B. Disable single sign-on
- C. Issue a default strong password for all users
- D. Require authentication on wake-up

Answer: D

NEW QUESTION 3

An employee contacts the help desk because the battery in a company-provided smartphone lasts only a short period of time when the worker is in the office. Which of the following would MOST likely reduce this symptom? (Select TWO).

- A. Close applications when tasks are completed.
- B. Increase the time to dim the screen automatically.
- C. Increase the frequency for syncing corporate email.
- D. Set the smartphone display to maximum brightness.
- E. Connect to the office WiFi network automatically.
- F. Disable 802.11ac and use mobile data exclusively.

Answer: AE

NEW QUESTION 4

An employee is unable to view in-office network folders while working at home. Which of the following is the MOST likely cause of the problem?

- A. Untrusted software
- B. Outdated antivirus
- C. MDM policies
- D. Inactive VPNs

Answer: D

NEW QUESTION 5

Which of the following is the amount of memory a user is limited to with a 32-bit version of Windows?

- A. 2GB
- B. 4GB
- C. 8GB
- D. 16GB

Answer: B

NEW QUESTION 6

Ann, an end user, is working with highly regulated data and often notices the high volume of traffic in her work area. Ann requests help with limiting the exposure of data as people walk by.

Which of the following security measures should be used?

- A. Biometric device
- B. Common access card
- C. Cable lock
- D. Privacy screen
- E. Mantrap

Answer: D

NEW QUESTION 7

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 8

A technician is working on a user's workstation and notices a lot of unknown processes running in the background. The user informs the technician that an application was recently downloaded from the Internet.

Which of the following types of infection does the user MOST likely have?

- A. Rootkit
- B. Keylogger
- C. Trojan
- D. Ransomware

Answer: A

NEW QUESTION 9

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 user's personal settings are not saving, and a technician suspects the user's local Windows profile is corrupt. The technician wants to check the size of the ntuser.dat file, but it does not appear in the user's profile directory. Which of the following Control Panel utilities should the technician use to correct this?

- A. Folder Options
- B. Sync Center
- C. Display Settings
- D. User Accounts

Answer: A

NEW QUESTION 10

A user is working on a shared computer and attempts to open the email application, which freezes when opened. A technician logs into the computer, and the email application works without issue. The technician has the user log back in, but the application still freezes when opened. Which of the following is the NEXT step the technician should take to resolve the issue?

- A. Check for and apply software updates
- B. Perform repair installation on the application
- C. Add the user to the local administrators group
- D. Rebuild the user's mail profile

Answer: D

NEW QUESTION 15

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 17

A technician is installing Windows 7 64-bit OS on a VM but keeps getting errors. The specifications for the malware are:

Two 1GHz CPUs 2GB of memory 15GB hard drive

800x600 screen resolution

Which of the following should the technician do to resolve the problem?

- A. Increase the number of CPUs
- B. Increase the amount of memory
- C. Increase the amount of hard drive space
- D. Increase the screen resolution

Answer: C

NEW QUESTION 19

Which of the following BEST describes the Guest account on a Windows system?

- A. This account is designed to have the ability to set permissions for other users on the system.
- B. Users of this account have the capability to perform any operation or task on the system.
- C. This account is designed to provide basic permission for completing common daily task
- D. Users of this account are restricted from performing things like installing new software.
- E. This account is designed for users who require specific administrator rights or permission
- F. Users of this account are restricted from installing software but can change time zones.
- G. This account is designed for users who require temporary access to a computer and do not need to store user-specific setting
- H. Users of this account have very limited permissions.

Answer: D

NEW QUESTION 20

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 24

A technician arrives on site to find that two users who have the same model on Android smartphone are having the same issue with a specific application. Whenever they attempt to launch the application, it fails and gives an error message. Which of the following should the technician do FIRST?

- A. Reinstall the application
- B. Roll back the application to the earlier version
- C. Clear the application cache
- D. Update the OS of the smartphones

Answer: D

NEW QUESTION 28

Ann, a user, calls the help desk regarding an issue on her laptop. While working remotely, she appears to be connecting to WiFi but is unable to retrieve her corporate email. The wireless name is listed as "ConnectMe" and appears as unsecure. Which of the following should the help desk perform to fix the issue?

- A. Remote into Ann's system and restart the wireless adapter
- B. Ask Ann to open a browser and watch for a redirect page
- C. Advise Ann to plug an Ethernet cable into her laptop
- D. Direct Ann to run an antivirus program on her laptop

Answer: B

NEW QUESTION 33

Joe, a technician, has his daily plans forwarded to him by his supervisor. Upon arrival to the external to the second support call of the day, Joe realizes the issue will require much more time than initially scheduled, and several support calls will not be completed. Which of the following would be the appropriate action for Joe?

- A. Contact his supervisor so the supervisor can make schedule changes.
- B. Move the appointments to the next business day.
- C. Reach out to a colleague to assist in completing the jobs.
- D. Continue to work on the current call, and get to the others as soon as possible.

Answer: A

NEW QUESTION 35

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 manufacturer's specific usage
- C. Review the material safety data sheet
- D. Conduct an internal search of disposal techniques

Answer: C

NEW QUESTION 38

A wireless access point is going to be configured in a small office located in a crowded building. Which of the following should the installation technician perform to increase the security of the wireless network? (Select two.)

- A. Reduce the transmit power
- B. Reduce the channel availability

- C. Disable the DHCP server
- D. Enable QoS management
- E. Disable the SSID broadcast
- F. Implement WPA encryption

Answer: AE

NEW QUESTION 40

A user reports malware activity on an isolated workstation used for testing. It is running an end-of-life OS, and a USB drive is the only method used to transfer files. After removing the malware and replacing the USB drive with a brand new one, the technician gives the approval to use the equipment. The next day the user reports the same malware activity is present after powering on the system. Which of the following did the technician forget to do to prevent reinfection?

- A. Connect to the network and update the OS with the latest security patches
- B. Scan and clean the USB device used to transfer data from the equipment
- C. Disable System Restore and remove all restore points from the system
- D. Update the local antivirus and set it to scan automatically every evening

Answer: D

NEW QUESTION 43

Which of the following is considered government-regulated data?

- A. PII
- B. End-user license agreement
- C. Digital Millennium Copyright Act
- D. DRM

Answer: A

NEW QUESTION 45

A technician needs to deploy a remote access technology to be able to access desktop computers. When a technician logs in to a user's computer, the user and the technician must be able to see the desktop simultaneously and use the mouse and keyboard. Which of the following would be BEST suited for this task?

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

Answer: C

NEW QUESTION 48

A SOHO user reports desktop applications are performing slowly, and no emails have been received all morning. A technician remotes in and determines Internet pages' load slowly or not at all, CPU performance is normal, and the local router can successfully ping. The remote connection drops periodically. Which of the following steps should the technician take NEXT to resolve the problem?

- A. Reboot into safe mode, uninstall the latest OS update, and run a repair on the OS
- B. Update the antivirus software, run an antivirus scan, verify the browser settings, and check all email settings
- C. Reboot to BIOS setup, verify the TPM is enabled, and start a System Restore from safe mode
- D. Send a test email, open a command prompt to check the file system, and empty the browser cache

Answer: B

NEW QUESTION 49

In which of the following file extension types would a user expect to see the command. "net use T:\server\files"?

- A. .bat
- B. .vbs
- C. .js
- D. .py

Answer: A

NEW QUESTION 54

After a virus has been spread unknowingly via USB removable hard drives, a technician is tasked with limiting removable hard drive access to certain network users. USB ports are used for many devices, including scanners, printers, and signature pads, so a policy is created to deny access to removable hard drives only. When testing the policy, a removable drive is plugged in but can still be accessed. Which of the following command-line tools should the technician use to apply the new policy?

- A. grupdate
- B. diskpart
- C. gpresult
- D. net use

Answer: A

NEW QUESTION 56

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 59

Which of the following is the memory limitation of a 32-bit OS?

- A. 16MB
- B. 2048MB
- C. 4GB
- D. 1024GB
- E. 2TB
- F. 8TB

Answer: C

NEW QUESTION 61

Joe, a customer, requests to have a technician rename his laptop to the name of his favorite sports team. Which of the following documents MUST the technician consider before performing this action?

- A. Acceptable use policy
- B. Inventory management
- C. EULA
- D. MDM policy

Answer: B

NEW QUESTION 62

A user's smartphone is experiencing limited bandwidth when at home. The user reports to a technician that the device functions properly when at work or in the car. Which of the following troubleshooting steps should the technician take NEXT?

- A. Reset the device's network settings
- B. Check the data usage statistics on the device
- C. Verify the SSID with which the device is associated
- D. Run any pending application or OS updates

Answer: C

NEW QUESTION 65

A technician is working at a help-desk form and receives a call from a user who has experienced repeated BSODs. The technician is scheduled to take a break just after the call comes in. Which of the following is the BEST choice for the technician to make?

- A. Politely ask the user to call back
- B. Ask another technician to take the call
- C. Troubleshoot the issue for the user
- D. Input the issue as a ticket and escalate to Tier 2
- E. Put the user on hold and troubleshoot after the scheduled break

Answer: B

NEW QUESTION 68

A network administrator needs to be able to securely connect to a local router from within the office. Which of the following protocols should the administrator ensure is enabled on the router?

- A. RDP
- B. SSH
- C. TFTP
- D. HTTP

Answer: B

NEW QUESTION 70

Which of the following technologies can be utilized in a wireless network environment to provide secure SSO access for WiFi and network resources?

- A. WPA2
- B. AES
- C. MAC filtering
- D. RADIUS
- E. WPS

Answer: D

NEW QUESTION 72

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 75

Joe, a user, reports that several of his colleagues have received a suspicious email from his account that he did not send. A technician asks one of the colleagues to forward the email for inspection. After ruling out spoofing, the technician verifies the email originated from the corporate email server. Which of the following is the FIRST step the technician should take to correct this issue?

- A. See if Joe's email address has been blacklisted
- B. Change the password on Joe's email account
- C. Update the antivirus and perform a full scan on the PC
- D. Isolate Joe's computer from the network

Answer: D

NEW QUESTION 76

When a user browses to a favorite website on a Windows laptop, a different website opens. A technician installs an additional web browser, but it also opens to the same unfamiliar site. The technician resets the web browser settings back to default, but the issue persists. Which of the following troubleshooting steps should the technician complete NEXT?

- A. Change the browser's home page
- B. Check the Windows host file
- C. Update the default web browser
- D. Restore Windows to a previous date

Answer: B

NEW QUESTION 80

A user calls a technician to report issues when logging in to a vendor's website. The technician is able to log in successfully before going to the office. However, the technician is unable to log in when in the user's office. The user also informs the technician of strange pop-up notifications. Which of the following are the MOST likely causes of these issues? (Select TWO).

- A. System files have been deleted
- B. Proxy settings are configured improperly
- C. The OS has been updated recently.
- D. There are disabled services on the vendor website.
- E. Program file permissions have changed recently.
- F. There is a rogue anti-malware program.

Answer: DF

NEW QUESTION 82

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 responds to a report that a user's desktop is operating much slower after upgrading the Windows OS to the latest version. The technician notices responsiveness is erratic, and the symptoms are similar to a failing hard drive. The technician runs a full hardware diagnostic, and all systems pass. The technician checks the properties for each device in Device Manager, and the hard disk and the standard AHC11.0 serial ATA controller both indicate the following message: This device is working properly. Which of the following should the technician attempt that will MOST likely resolve the performance issue?

- A. Roll back the OS upgrad
- B. Continue using the older version of Windows.
- C. Reset the PC to its factory conditions Perform the OS upgrade again.
- D. Update the SATA controller driver from the manufacturer's website.
- E. Perform a full backup and replace the hard drive.

Answer: D

NEW QUESTION 88

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 91

A user reports that when opening a web browser the initial page loads to a search engine the user does not recognize When the user performs searches on the site, the results are often irrelevant, and there are many pop-ups Which of the following should a technician do to resolve these issues? (Select TWO)

- A. Reset the user's browser to default settings
- B. Delete the user's cached images, temporary files, and cookies
- C. Reboot the user's computer and install a secondary antivirus
- D. Convince the user to use a different web browser that is currently unaffected
- E. Download the update to the user's web browser of choice
- F. Remove any unapproved applications from the user's startup items

Answer: AF

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 99

A junior Linux system administrator needs to update system software. Which of the following shell commands would allow the administrator to gain the necessary permissions to update the software?

- A. sudo
- B. chmod
- C. grep
- D. pwd

Answer: A

NEW QUESTION 100

Which of the following provide the BEST security for a server room? (Select two.)

- A. Badge reader
- B. Bollard
- C. Biometric lock
- D. Cable lock
- E. USB token
- F. Privacy window shades

Answer: AC

NEW QUESTION 104

A user calls the help desk regarding a new Windows issues that started in the morning. The user can no longer use any locally attached devices, such as a mouse or a printer, and a reboot did not fix the problem. Which of the following would MOST likely fix the issue?

- A. Roll back updates
- B. Disable the Windows Update service
- C. Check for updates
- D. Restore hidden updates

Answer: A

NEW QUESTION 108

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 109

A user is unable to access a network share but can access email. A technician has confirmed the user has the appropriate permissions to access the share. Which of the following commands should the technician use FIRST?

- A. ping
- B. nslookup
- C. net use
- D. ipconfig

Answer: B

NEW QUESTION 111

An end user's PC is taking a long time to boot. Which of the following operations would be the BEST to resolve this issue with minimal expense? (Select two.)

- A. Remove applications from startup
- B. Defragment the hard drive
- C. Install additional RAM
- D. Install a faster hard drive
- E. End the processes in Task Manager
- F. Run the Disk Cleanup utility

Answer: AB

NEW QUESTION 113

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 114

A user's smartphone is making the camera shutter noise even when the user is not taking pictures. When the user opens the photo album, there are no new pictures. Which of the following steps should be taken FIRST to determine the cause of the issue?

- A. Uninstall the camera application
- B. Check the application permissions
- C. Reset the phone to factory settings
- D. Update all of the applications on the phone
- E. Run any pending OS updates

Answer: B

NEW QUESTION 118

An end user is browsing the Internet when multiple browser pages open by themselves. The user notices the PC is running slowly, even while not browsing the internet. Which of the following actions should the user take?

- A. Update antivirus definitions
- B. Install anti-malware software
- C. Enable the pop-up blocker
- D. Reboot the PC

Answer: B

NEW QUESTION 121

A technician accessed a network share from a computer joined to a 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: \\fileserver\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 123

A customer's computer is having difficulty opening programs and regularly receives error messages regarding low system resources. Which of the following performance settings changes would BEST help customer temporarily until upgrade can be made?

- A. Data execution prevention
- B. Page-file size
- C. Visual effects
- D. Processor scheduling

Answer: B

NEW QUESTION 125

Which of the following provide the MOST security for PCs and mobile devices? (Choose two.)

- A. Access control lists
- B. Multifactor authentication
- C. Organizational unit
- D. Trusted software sources
- E. Data loss prevention
- F. Pre-shared key

Answer: BD

NEW QUESTION 126

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 131

A technician received 300 old desktops following a recent computer upgrade. After taking inventory of the old machines, the technician must destroy the data on the HDDs. Which of the following would be the MOST effective method to accomplish this task?

- A. Drill
- B. Hammer
- C. Low-level format
- D. Degaussing

Answer: D

NEW QUESTION 133

A technician is contacted by a user who is working from home but is unable to connect to any office resources (e.g., files, printers). The user is able to access the Internet.

Which of the following should the technician check FIRST?

- A. VPN
- B. DHCP
- C. NAT
- D. DNS

Answer: A

NEW QUESTION 138

A technician is running updates on a Windows PC. Some of the updates install properly, while others appear as failed. While troubleshooting, the technician restarts the PC and attempts to install the failed updates again. The updates continue to fail. Which of the following is the FIRST option to check?

- A. Visit the Microsoft Update website to see if there is an issue with a specific update
- B. Look up the error number associated with the failed update
- C. Look at the system Event Viewer to find more information on the failure
- D. Download the failed update to install manually

Answer: B

NEW QUESTION 140

Which of the following installation types would require the use of an answer file to install the OS?

- A. Unattended
- B. Clean
- C. Repair

D. Upgrade

Answer: A

NEW QUESTION 145

Ann, an external user, has received several calls from a company asking why she has been sending the company communications with internal users' names in the "from" field. Ann calls a technician and explains she has not been sending any communications and would like this issue fixed. The technician investigates and determines the PC is not infected with any viruses or malware. Which of the following should the technician check NEXT?

- A. Hijacked email
- B. DNS entries
- C. Hosts file
- D. POP3 errors

Answer: A

NEW QUESTION 146

A small office calls a technician to investigate some "invalid certificate" errors from a concerned user. The technician observes that whenever the user tries to access a secure website from the Windows desktop, this error is encountered. No other users in the office are experiencing this error. Which of the following should the technician do NEXT? (Choose two.)

- A. Remove any proxy servers configured on the user's browsers.
- B. Assist the user with purchasing an SSL certificate and save the certificate to the desktop.
- C. Disable the SPI firewall on the office's gateway and any other routers.
- D. Instruct the user to ignore the certificate error since the user is connecting to a secure website.
- E. Create an outbound rule in Windows Firewall named after the user's homepage.
- F. Run anti-malware scans and download the latest Windows updates.

Answer: AF

NEW QUESTION 151

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