



CompTIA

Exam Questions 220-1002

CompTIA A+ Certification Exam: Core 2

NEW QUESTION 1

Which of the following file types should be opened when executing a PowerShell script?

- A. .bat
- B. .vbs
- C. .sh
- D. .ps1
- E. .psd

Answer: D

NEW QUESTION 2

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 3

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 4

A user who is running Windows XP calls a technician to upgrade the computer to a newer Windows OS. The user states the computer has only 1GB of RAM and 16GB of hard drive space with a 1,7GHz processor.

Which of the following OSs should the technician recommended to ensure the BEST performance on this computer?

- A. Windows 7
- B. Windows 8
- C. Windows 8.1
- D. Windows 10

Answer: A

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

A customer's computer is powered on and working, but the customer is unable to get to any wired network resources, shared drives, printers, or the Internet. Which of the following command-line tools should be used to troubleshoot this scenario?

- A. Ping
- B. Iwconfig
- C. Nbtstat
- D. Nslookup

Answer: A

NEW QUESTION 9

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 10

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

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? (Choose 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: BF

NEW QUESTION 12

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 13

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 16

A user's corporate email is missing the shared inbox folders that were present before the user went on vacation. The technician verifies the user is connected to the domain and can still send and receive email. Which of the following is MOST likely causing the missing folders issue?

- A. The Internet security options have changed
- B. The operating system updates have changed
- C. The network directory permissions have changed
- D. The user account permissions have changed

Answer: C

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 22

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 26

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 31

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. chdsk
- C. dism
- D. ipconfig
- E. format
- F. diskpart

Answer: BC

NEW QUESTION 36

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 dean 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 39

Which of the following is a community supported, open source OS used for both services and workstations?

- A. IOS
- B. Windows 10
- C. Linux
- D. OS X

Answer: C

NEW QUESTION 42

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 43

An employee reported that a suspicious individual was looking through the recycle bin. Which of the following types of social engineering threats is this?

- A. Phishing
- B. Spear phishing
- C. Dumpster diving
- D. Impersonation

Answer: C

NEW QUESTION 47

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 51

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 54

Joe, an employee, took a company-issues Windows laptop home, but is having trouble connecting to any of the shares hosted on his home media server. Joe has verified he is connected to the Internet.

Which of the following would explain why Joe cannot access his personal shares?

- A. An IP conflict is present
- B. A corporate VPN is enabled
- C. A firewall exception must be set
- D. HomeGroup must be enabled

Answer: C

NEW QUESTION 56

Which of the following would a technician use to store memory chips from a laptop safely after an upgrade?

- A. Mylar bags
- B. Cardboard boxes
- C. Antistatic containers
- D. Paper envelopes

Answer: C

NEW QUESTION 58

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 62

A technician has installed a second monitor for a customer, but the desktop font sizes do not match. Which of the following display settings should be technician adjust to correct this issue?

- A. Resolution
- B. Refresh rate
- C. Extended monitor
- D. Color depth

Answer: A

NEW QUESTION 65

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 70

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 71

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 73

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 74

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 76

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 80

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 83

A manager requests remote access to a server after hours and on weekends to check data. The manager insists on using the server. Before granting the access, which of the following is the MOST important step a technician can take to protect against possible infection?

- A. Create a policy to remove Internet access from the server during off hours
- B. Set the local antivirus software on the server to update and scan daily
- C. Ensure the server is patched with the latest security updates
- D. Educate the manager on safe Internet browsing practices

Answer: C

NEW QUESTION 86

A user calls a technician regarding an iOS mobile device that is having problems with standby time after a new update was applied. The technician verifies no new applications were installed since the update, but the device still has poor standby time even after the update is removed. Which of the following is the MOST likely cause of the issue?

- A. Zero-day malware
- B. Safari code injection
- C. OS corruption
- D. Overheating
- E. Time sync failure

Answer: D

NEW QUESTION 91

A technician must remove data from the human resources computers. The technician plans to reuse the drives in the computers. Which of the following data destruction methods should the technician perform to ensure the data is removed completely?

- A. Degaussing
- B. Standard format
- C. Overwrite
- D. Low-level format

Answer: D

NEW QUESTION 92

Joe, a systems administrator, is setting up a risk management plan for the IT department. Part of the plan is to take daily backups of all servers. The server backups will be saved locally to NAS.

Which of the following can Joe do to ensure the backups will work if needed?

- A. Frequently restore the servers from backup files and test them
- B. Configure the backups to restore to virtual machines for quick recovery
- C. Set up scripts that automatically rerun failed backup jobs
- D. Set up alerts to let administrators know when backups fail
- E. Store copies of the backups off-site in a secure datacenter

Answer: D

NEW QUESTION 93

A network administrator wants to plan a major OS upgrade of the router, which acts as a default gateway in an organization. The administrator has documented the purpose of the change, scoped the change, and completed a comprehensive risk analysis. Which of the following is an important part of the change request process for which the administrator still must plan?

- A. Inform management regarding the anticipated amount of downtime
- B. Document a backout plan to roll back changes to the router
- C. Configure a redundant data path to eliminate downtime
- D. Make the downtime window larger than actually anticipated

Answer: B

NEW QUESTION 98

A SOHO customer has recently experienced a major hurricane. The customer has no backups and has lost all data and hardware associated with the company. The customer calls a contractor to assist in the rebuilding process and needs suggestions on the best way to prevent this from happening again. Which of the following recommendations should the contractor give to the customer? (Select two.)

- A. Backup testing
- B. Cloud storage
- C. Local storage backups
- D. Data recovery
- E. Hot site
- F. Waterproof devices

Answer: BE

NEW QUESTION 100

Which of the following encryption methods is used by WPA2 to improve data security as compared to previous wireless encryption protocols?

- A. AES
- B. TKIP
- C. S/MIME
- D. 3DES

Answer: A

NEW QUESTION 102

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 106

A user calls the help desk regarding a new Windows issue 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 111

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 114

A user is unable to access a network share out 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 119

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 123

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 124

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: \\fileservers\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 129

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 132

A technician is investigating the cause of a Windows 7 PC running very slow. While reviewing Task Manager, the technician finds one process is using more than 90% of the CPU. Outbound network traffic on port 25 is very high, while Inbound network traffic is low. Which of the following tasks should be done FIRST?

- A. Disconnect the network cable.
- B. Update the antivirus software.
- C. Run an antivirus scan.
- D. Shut down the PC

Answer: A

NEW QUESTION 137

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

- A. MAC filtering
- B. Default SSID
- C. Ratio power levels
- D. Content filtering

E. Physical security

Answer: BE

NEW QUESTION 140

Joe, an end user, has been prompted to provide his username and password to access the payroll system. Which of the following authentication methods is being requested?

- A. Single-factor
- B. Multifactor
- C. RADIUS
- D. TACACS

Answer: A

NEW QUESTION 142

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 144

Which of the following is the MOST secure wireless security protocol?

- A. AES
- B. WPA
- C. WPA2
- D. WEP

Answer: A

NEW QUESTION 147

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 151

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 155

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: D

NEW QUESTION 157

A systems administrator has discovered a folder on the server with numerous inappropriate pictures and videos, which is in violation of the company's AUP. Which of the following would be the NEXT appropriate act?

- A. Promptly notify the administrator's immediate supervisor

- B. Rename the folder on the server, and notify the information security officer
- C. Move the folder to another location on the server, and notify the local authorities
- D. Ask the owner to move the files from the server to a local computer

Answer: A

NEW QUESTION 159

A small office calls a technician to investigate some "invalid certificate" errors from a concerned user. The technician observes that whenever the user 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 162

A corporate network was recently infected by a malicious application on a flash drive that downloaded sensitive company files and injected a virus, which spread onto the network Which of the following best practices could have prevented the attack?

- A. Implementing strong passwords
- B. Changing default credentials
- C. Disabling AutoRun
- D. Removing Guest account
- E. Encrypting data

Answer: D

NEW QUESTION 165

Which of the following technologies is used by malicious employees to obtain user passwords?

- A. Man-in-the-middle
- B. Phishing
- C. Tailgating
- D. Shoulder surfing

Answer: D

NEW QUESTION 168

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