

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

A company has hired a new IT firm to manage its network switches and routers.

The firm is geographically separated from the company and will need to be able to securely access the devices. Which of the following will provide the ability to access these devices?

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

Answer: B

NEW QUESTION 3

A technician has identified malware on a user's system. Which of the following should the technician do NEXT according to malware removal best practices?

- A. Enable System Restore and create a restore point so no data is lost
- B. Educate the user about how to avoid malware in the future
- C. Update the antivirus software and run a full system scan
- D. Move the infected system to a lab with no network connectivity

Answer: D

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

Which of the following installation methods will allow a technician to resolve issues that may arise while the installation is being performed?

- A. Unattended installation
- B. Remote installation
- C. Repair installation
- D. Image deployment installation

Answer: D

NEW QUESTION 7

During the firmware upgrade of a web server, a power outage occurred. The outage caused a failure within the upgrade. Which of the following plans must be implemented to revert back to the most recent version of the firmware?

- A. Backout plan
- B. Contingency plan
- C. Alternative plan
- D. Backup plan

Answer: D

NEW QUESTION 8

A user is attempting to install an application and receives an error stating there is not enough space to install the application. Which of the following did the user overlook?

- A. Installation method
- B. System requirements
- C. OS compatibility
- D. File permissions

Answer: B

NEW QUESTION 9

A user is requesting a solution that will prevent file corruption and ensure a graceful shutdown while providing at least one hour of uptime in case of extreme weather conditions. Which of the following should a technician recommend?

- A. Uninterruptible power supply
- B. Surge protector
- C. Power strip
- D. Power distribution unit

Answer: A

NEW QUESTION 10

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 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 12

A team needs to deploy a temporary server room at a site to provide support during construction. Which of the following should they use at this site while setting up the server room?

- A. Air filters
- B. Privacy screens
- C. Vacuums
- D. ESD mats

Answer: A

NEW QUESTION 15

Ann, a user, has purchased a new Android phone and is attempting to access a public hot-spot. When she gets a message indicating the page cannot be displayed. She notices there is a “?” in the radio icon in the toolbar.

She has verified Bluetooth is active, airplane mode is off, and tethering is turned on. She uses the cell phone to call a technician for assistance. Which of the following is the MOST likely issue Ann is experiencing?

- A. There is unauthenticated wireless connectivity
- B. She has exceeded the data allowance
- C. The phone is only 3G capable
- D. It is an unrooted phone
- E. The SIM card was not activated
- F. A data plan was not purchased

Answer: A

NEW QUESTION 18

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 22

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 settings
- H. Users of this account have very limited permissions.

Answer: D

NEW QUESTION 25

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 28

A user calls a technician to report loud beeps that are coming from the server room following a recent rainstorm and power outage. The technician verifies all the servers are online and working properly, and the backup power unit is functioning properly and without errors. Which of the following is MOST likely the issue?

- A. PSU alarm
- B. Humidity alarm
- C. Temperature alarm
- D. Motion alarm

Answer: C

NEW QUESTION 30

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 34

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 36

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

- A. Devices and Printers
- B. Sync Center
- C. Device Manager
- D. Power Options

Answer: C

NEW QUESTION 40

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 45

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 46

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 50

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 51

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 54

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 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 60

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 61

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 64

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 69

A technician has been dispatched to resolve a malware problem on a user's workstation. The antivirus program discovered several hundred potential malware items on the workstation and removed them successfully. The technician decides to schedule daily scans on the system, enables System Restore, and creates a restore point. Which of the following should the technician do NEXT?

- A. Run the scan again to ensure all malware has been removed
- B. Quarantine the infected workstation from the network
- C. Install all of the latest Windows Updates to patch the system
- D. Educate the user on safe browsing practices

Answer: C

NEW QUESTION 71

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 75

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 78

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 79

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 82

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 85

A technician has been asked to recommend antivirus software for a home PC, but the user does not want to pay for a license. Which of the following license type should the technician recommend?

- A. Open license
- B. Personal license
- C. Corporate license
- D. Enterprise license

Answer: A

NEW QUESTION 87

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-side in a secure datacenter

Answer: D

NEW QUESTION 91

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 95

A department in an organization set up a proxy server to manage its Internet stage. A technician is configuring the Windows workstations to use the new proxy server. Which of the following Control Panel utilities should the technician use to configure the setting?

- A. Internet Options – Advanced

- B. Internet Options – Connections
- C. Internet Options – Security
- D. Internet Options – Content
- E. Internet Options – Privacy

Answer: B

NEW QUESTION 99

Which of the following built-in accounts was removed in Windows 10?

- A. Power User
- B. Administrator
- C. Guest
- D. Standard User

Answer: A

NEW QUESTION 102

A technician is called to troubleshoot a user's Windows workstation that fails to boot. The user reports that, after updating the workstation's graphics driver to a beta version, the machine gives a "Stop" error on every boot. Which of the following should the technician complete to resolve the issue?

- A. Boot the workstation in safe mode and disable the graphics driver system tray menu
- B. Boot the workstation in safe mode with networking and install the latest stable graphics driver.
- C. Boot the workstation in safe mode and disable Windows driver signing requirements
- D. Boot the workstation in safe mode with Command Prompt and enable Driver Verifier with standard settings

Answer: A

NEW QUESTION 106

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 109

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: \\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 114

A technician is PXE booting a computer. Which of the following is the technician MOST likely performing on the computer?

- A. Image deployment
- B. Multiboot configuration
- C. In-place upgrade
- D. System repair

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 122

A network administrator has noticed unusual activity with a user's login credentials on the network. The user is attempting multiple simultaneous logins across the

network, some of which are attempting to access workstations and servers to which the user does not have access Which of the following should the network administrator do NEXT?

- A. Delete the user's AD account
- B. Decrease the user's AD privileges
- C. Disable the user's AD account
- D. Reset the password on the user's AD account

Answer: A

NEW QUESTION 125

A user's computer is running slow even when only one program is open. A technician discovers the CPU is running at 100%, and there is a significant amount of outgoing network traffic. Which of the following is MOST likely causing the high resource usage?

- A. A keylogger is running
- B. The computer is part of a botnet.
- C. The computer is receiving a DDOS attack
- D. A software is blocking traffic

Answer: A

NEW QUESTION 130

A technician has set up a new computer for a customer and needs to add a login with administrative privileges. Which of the following tools should the technician use?

- A. Component Services
- B. System Configuration
- C. Security Policy
- D. Local Users and Groups

Answer: D

NEW QUESTION 131

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 136

Joe, a customer, calls a technician to report a remote computer is demonstrating erratic behavior while he is working on it. The technician verifies the files and directories. Joe is working on locally cannot be opened in any application, and the computer is running 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 startup items

Answer: D

NEW QUESTION 140

A new business will be using credit cards in a physical location as well as its web presence. Which of the following does the business need?

- A. PHI certification
- B. PCI compliance
- C. POTS implementation
- D. PII filtering

Answer: B

NEW QUESTION 141

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 145

Ann, an end user, is utilizing a stylus on her tablet. The recognition point is off when she uses the stylus, but it registers in the correct spot when she uses her finger. Which of the following would be the BEST resolution to this issue?

- A. Restart the tablet
- B. Disable and then reenable Bluetooth
- C. Calibrate the touchscreen sensor
- D. Disconnect and then reconnect the stylus

Answer: C

NEW QUESTION 146

A technician is setting up a SOHO wireless network for a healthcare office that does not have a server. The user requires the highest level of wireless security and various levels of desktop authentication to access cloud resources.

Which of the following protocols and authentication methods should the technician implement? (Select two.)

- A. WPA
- B. WPA2
- C. WEP
- D. TKIP
- E. RADIUS
- F. Multifactor
- G. TACACS
- H. SSO

Answer: BF

NEW QUESTION 151

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 154

A user reports that a cell phone application is loading slowly and not functioning properly. Which of the following should a technician do FIRST to remedy this issue?

- A. Remove and reinstall the application.
- B. Hard reset the cell phone.
- C. Reconnect the wireless network connection
- D. Close all running applications

Answer: D

NEW QUESTION 155

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