

220-1002 Dumps

CompTIA A+ Certification Exam: Core 2

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NEW QUESTION 1

A technician receives an invalid certificate error when visiting a website with port 443 enabled. Other computers on the same LAN do not exhibit this symptom. Which of the following needs to be adjusted on the workstation to fix the issue?

- A. Date and time
- B. UEFI boot mode
- C. Logon times
- D. User access control

Answer: A

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

Which of the following is the maximum RAM limit of a Windows 32-bit version?

- A. no limit
- B. 4GB
- C. 8GB
- D. 32GB

Answer: B

NEW QUESTION 4

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 5

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 6

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 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

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 9

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. Ipconfig
- C. Nbtstat
- D. Nslookup

Answer: A

NEW QUESTION 10

A small office's wireless network was compromised recently by an attacker who brute forced a PIN to gain access. The attacker then modified the DNS settings on the router and spread malware to the entire network.

Which of the following configurations MOST likely allowed the attack to take place? (Select two.)

- A. Guest network
- B. TKIP
- C. Default login
- D. Outdated firmware
- E. WPS
- F. WEP

Answer: CF

NEW QUESTION 10

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 12

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 17

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 20

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 23

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 26

A small business has an open wireless network so vendors can connect to the network without logging in. The business owners are concerned that a nearby company is connecting and using the wireless connection without permission. If the small business requires that the network remain open, which of the following configuration settings should be changed to address these concerns?

- A. Default SSID
- B. MAC filtering
- C. Power levels
- D. Content filtering
- E. Firewall

Answer: C

NEW QUESTION 29

Which of the following security methods BEST describes when a user enters a username and password once for multiple applications?

- A. SSO
- B. Permission propagation
- C. Inheritance
- D. MFA

Answer: A

NEW QUESTION 32

Which of the following is a reason to use WEP over WPA?

- A. Device compatibility
- B. Increased security
- C. TACACS
- D. Multifactor authentication

Answer: B

NEW QUESTION 36

Ann, a user, is attempting to log in to her email service from a third-party email client on her phone. When Ann enters her usual username and password, she receives an error message saying the credentials are invalid.

Ann then decides to reset her email password, but after the reset, the new credentials still do not work in the third-party email client.

Which of the following settings or features is responsible for the problems Ann is experiencing?

- A. Full device encryption
- B. Account lock
- C. Multifactor authentication
- D. Strong password requirements

Answer: C

NEW QUESTION 37

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. Advice Ann to plug an Ethernet cable into her laptop
- D. Direct Ann to run an antivirus program on her laptop

Answer: B

NEW QUESTION 38

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 41

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 42

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

A technician is setting up a kiosk. The technician needs to ensure the kiosk is secure and users will have access to only the application needed for customer interaction. The technician must also ensure that whenever the computer is rebooted or powered on it logs on automatically without a password.

Which of the following account types would the technician MOST likely set up on this kiosk machine?

- A. Guest
- B. Administrator
- C. Power User
- D. Remote Desktop User

Answer: A

NEW QUESTION 50

A computer becomes infected with malware, which manages to steal all credentials stored on the PC. The malware then uses elevated credentials to infect all other PCs at the site. Management asks the IT staff to take action to prevent this from reoccurring. Which of the following would BEST accomplish this goal?

- A. Use an antivirus product capable of performing heuristic analysis
- B. Use a host-based intrusion detection system on each computer
- C. Disallow the password caching of accounts in the administrators group
- D. Install a UTM in between PC endpoints to monitor for suspicious traffic
- E. Log all failed login attempts to the PCs and report them to a central server

Answer: D

NEW QUESTION 53

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 56

Ann, a user, calls a technician and reports that her PC will not boot. The technician confirms the memory, power supply, and monitor are all working. The technician runs internal diagnostics on the PC, but the hard drive is not recognized. Which of the following messages will be displayed?

- A. NTLDR not found
- B. No boot device available
- C. Operating system not found
- D. BIOS ROM checksum error

Answer: B

NEW QUESTION 59

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 62

Which of the following devices are MOST likely to have a grounding wire attached to them based on the manufacturer's design? (Select two.)

- A. UPS
- B. Server rack
- C. PoE phone
- D. Desktop printer
- E. Modem
- F. Patch panel

Answer: AB

NEW QUESTION 63

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 upgrade
- 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 68

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 71

A technician needs to connect to a network switch in a remote location. The technician wants to make sure the data passed over the wire is encrypted so it cannot be read by someone using a sniffer. Which of the following connection protocols should the technician use?

- A. Telnet
- B. SSH
- C. SMB
- D. HTTP
- E. SFTP

Answer: B

NEW QUESTION 75

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 79

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 83

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 85

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 88

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 91

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 95

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

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

Answer: A

NEW QUESTION 99

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 100

The IT department has installed new software in the folder C:\Program Files\Business Application\. Ann, a user, runs the business application and tries to save her work. When doing so, Ann receives the following error:

Cannot save file C:\Program Files\Business Application\file1.wrk – Access is denied.

Which of the following would be the MOST secure solution to this error?

- A. Add Ann to the local Power Users group
- B. Set the software to save to the %APPDATA% folder
- C. Add Ann to the local administrator group
- D. Give Ann write access to C:\Program Files\
- E. Give Ann permission to elevate her permissions through a UAC prompt

Answer: E

NEW QUESTION 102

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 103

A Windows user is attempting to install a local printer and is unsuccessful on permissions.

Which of the following user types BEST describes this user?

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

Answer: A

NEW QUESTION 107

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 108

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 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 110

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