



CIW

Exam Questions 1D0-61C
CIW Network Technology Associate

NEW QUESTION 1

Wireless networks are subject to more security issues than standard wired networks. Which wireless security protocol can prevent unauthorized devices from connecting to the wireless network?

- A. WPA2
- B. RSA
- C. AES
- D. DES

Answer: A

NEW QUESTION 2

Selena has run out of memory on her phone's SD card. She has decided to store the files she has accumulated on a third-party cloud service provider's drives. Which of the following is a typical issue that she may encounter?

- A. The files become corrupted due to an attack from a hacker botnet.
- B. The files become unavailable whenever Internet connectivity is lost.
- C. The files become unavailable because they are being shared with other users.
- D. The files become corrupted because the provider uses a proprietary compression algorithm during transit.

Answer: B

NEW QUESTION 3

Security attacks can vary greatly. Which type of attack is characterized as an attempt to trick an individual into revealing confidential or private information?

- A. Trojan
- B. Spoofing
- C. Man in the middle
- D. Social engineering

Answer: D

NEW QUESTION 4

Lisa is traveling on company business. She has a company-issued smartphone with 4G access. Her hotel does not provide Internet access. What advantage does 4G provide to help her access the Internet?

- A. She can use a 4G mobile hotspot device with her phone to connect her laptop to Wi-Fi.
- B. She can use the 4G phone to establish a VPN connection into the company network.
- C. She can use the 4G phone to call and locate a public location that provides free Wi-Fi.
- D. She can use her 4G phone's GPS to identify another hotel that provides in-room Internet access.

Answer: A

NEW QUESTION 5

Which of the following statements about virtualization is true?

- A. Virtualization enables multiple physical computers to run off of a single virtualized server.
- B. In virtualization, you run multiple virtual machines, provided they all use the same operating system.
- C. In virtualization, the operating systems of the virtual machines should match the host operating system.
- D. Virtualization enables you to run multiple operating systems and applications on a single computer.

Answer: D

NEW QUESTION 6

Mobile computing has become a common necessity for both personal and business transactions. Which device has features similar to a smartphone but usually does not have telephone capabilities?

- A. Portable media player
- B. Netbook
- C. Laptop
- D. Tablet

Answer: D

NEW QUESTION 7

You have just been hired by a large company, and the IT manager is giving you an overview of the corporate network. He tells you that the corporation is spread out over several cities, and various departments are divided into subnetworks that are connected using routers. What type of network are you being shown?

- A. Local area network (LAN)
- B. Wide area network (WAN)
- C. Virtual private network (VPN)
- D. Internet Exchange Point (IPX)

Answer: B

NEW QUESTION 8

When a PC computer device wants to communicate with the processor, which system resource does it use?

- A. I/O
- B. DMA
- C. PIO
- D. IRQ

Answer: D

NEW QUESTION 9

Sam is a professor at a small college. Due to a scheduling conflict, he was unable to obtain access to the computer lab to give the final exam. As an alternative, he asked students to bring their own devices (BYOD) and connect to the college's Wi-Fi for network access. What security risk is associated with this implementation?

- A. Inability for students to share files
- B. Inability for students to back up user files
- C. Student devices sending unsecured data
- D. Student devices being more susceptible to malware

Answer: C

NEW QUESTION 10

What should be your first step when troubleshooting a network connection that uses a cable modem?

- A. Ping the proxy server.
- B. Ping the default gateway.
- C. Ping local devices using their DNS names.
- D. Ping local devices using their IP addresses.

Answer: D

NEW QUESTION 10

Which of the following is a security threat commonly associated with cloud-based services?

- A. Malware
- B. Phishing
- C. Hypervisor vulnerabilities
- D. Operating system vulnerabilities

Answer: C

NEW QUESTION 12

When using cloud-based services to host company data, a company's disaster recovery plan should include strategies for:

- A. Creating redundancy and ensuring there is an exclusive contract with the cloud service provider.
- B. Distributing data and software services across multiple cloud service providers.
- C. Creating redundancy and using multiple cloud service providers.
- D. Using a single well-established cloud service provider.

Answer: C

NEW QUESTION 16

Sally is a network technician at Acme Corporation. She has been directed to configure the network adapter for a company laptop so that it can be used to connect to the company network and the Internet. What is one of the required TCP/IP settings that she will need to configure?

- A. MAC address
- B. Default gateway
- C. Workstation name
- D. Loopback address

Answer: B

NEW QUESTION 19

Three hardware devices need to communicate with the CPU simultaneously. Which of the following will each device need to issue?

- A. DMA request
- B. CON request
- C. Interrupt request (IRQ)
- D. Input/output request (I/O)

Answer: C

NEW QUESTION 20

You are distributing a large video game file using BitTorrent. First, you upload the initial file and make it available via a central server called a tracker. Other users can then connect to the tracker and download the file. Each user who downloads the file makes it available to other users to download. The use of BitTorrent significantly reduces the original provider's hardware and bandwidth resource costs. BitTorrent is an example of what type of network?

- A. Centralized network
- B. Client-server network
- C. Peer-to-peer (P2P) network
- D. Virtual private network (VPN)

Answer: C

NEW QUESTION 22

Which type of attack involves the installation of malicious code on personal computers or servers that redirects Internet traffic from a legitimate Web site to an identical-looking but malicious imposter Web site?

- A. Pharming
- B. Spoofing
- C. Phishing
- D. Replay

Answer: A

NEW QUESTION 27

On your Windows laptop, you store all your vacation photos and your entire digital music library. Concerned about data loss, you perform frequent backups. Your laptop has recently been stolen and you need to restore your files to a desktop computer. Which Windows tool would you use to recover and set up the saved copies of your files onto your desktop computer?

- A. Backup and Restore
- B. Backup Recovery
- C. System Recovery
- D. System Restore

Answer: A

NEW QUESTION 32

Which term describes a compact personal computer that relies on a touch screen for input, generally uses a solid-state drive instead of a traditional hard disk, and relies on wireless or mobile networks for connectivity?

- A. Tablet
- B. Laptop
- C. Netbook
- D. Portable media player

Answer: A

NEW QUESTION 35

When comparing IPv4 to IPv6, which of the following is an advantage of the IPv6 network addressing scheme?

- A. Larger address space
- B. Shorter address space
- C. High dependence on network routers
- D. Fast and unencrypted network transmissions

Answer: A

NEW QUESTION 37

Jenny recently switched from broadband cable Internet to ADSL service with her local phone company.

To economize, she chose the self-installation option. It appears that her ADSL modem is not allowing her to connect to the Internet. Which setting should she check first?

- A. Loopback address
- B. Software version
- C. Default gateway
- D. Device name

Answer: C

NEW QUESTION 42

Carlos is the Information Technology (IT) administrator for a small company. Over the past year, employees have been using their personal mobile devices and smartphones for business use. This has reduced costs of purchasing new devices for employees. Carlos is now considering whether he should stop supplying employees with company phones and instead require all employees to use their personal smartphones for work. How can Carlos address the most significant security vulnerability?

- A. Develop a robust app to push security updates out to the various mobile OS devices
- B. Create an employee policy that requires employees to keep phones updated to the latest technology
- C. Create a policy that specifies acceptable use, ensuring security measures are in place for mobile devices
- D. Mandate that employees switch to the company's mobile service provider to ensure security policies are enforced

Answer: C

NEW QUESTION 43

Carol is experiencing read/write errors when trying to save files on her Windows-based laptop. To correct the issue, she could consider performing which of the following maintenance tasks?

- A. Disk cleanup
- B. fsck command
- C. chkdsk command
- D. Disk defragmentation

Answer: C

NEW QUESTION 44

Selena has decided to change a 32-character unique wireless network name on her wireless router to improve network security after a break-in. She is following advice from CERT to make this change in order to avoid attacks from botnets. Which of the following settings would she modify?

- A. Direct Sequence Spread Spectrum (DSSS) signal
- B. Media Access Control (MAC) address
- C. Wi-Fi Protected Access 2 (WPA2)
- D. Service Set Identifier (SSID)

Answer: D

NEW QUESTION 46

The capabilities of cellular networks have improved greatly since their original development for analog voice phone calls. Most recently, fourth-generation (4G) wireless supports a variety of data-intensive needs.

A benefit of 4G networks is that they:

- A. Use spread-spectrum technology to ensure high transmission rates.
- B. Provide fast transmission rates equivalent to DSL or broadband-cable.
- C. Provide fast transmission rates equivalent to high-speed dial-up connections.
- D. Enable bandwidth throttling, allowing the user access to unrestricted download speeds.

Answer: B

NEW QUESTION 49

Cloud-computing enables mobile devices to provide users with access to a wide variety of applications and services. Which of the following is a disadvantage of mobile devices?

- A. Mobile devices cannot accommodate Web browsing.
- B. Mobile devices cannot easily be used for checking e-mail.
- C. Mobile devices cannot access software hosted on remote servers.
- D. Mobile devices cannot accommodate large database installations or applications.

Answer: D

NEW QUESTION 54

The Internet has enabled many new anti-social activities, such as online stalking, cyberbullying, and addiction to solitary online activities. Which choice is the most feasible way for schools and parents to reduce cyberbullying?

- A. Monitor, track and record all online activity conducted by students.
- B. Teach teens that the use of online communication is a freedom of expression.
- C. Prevent students from accessing the Internet while at school so that they learn good habits.
- D. Educate students about cyber-ethics and the consequences of questionable online behavior.

Answer: D

NEW QUESTION 59

Which of the following computer system maintenance tasks can help improve file access performance?

- A. Use a SCSI drive instead of a SATA drive
- B. Use a SATA drive instead of an EIDE drive
- C. Defragment the drive using the following command: `fdisk -d -w c:/`
- D. Defragment the drive using the following command: `defrag c: -w`

Answer: D

NEW QUESTION 60

Which of the following is a drawback to using Wired Equivalent Privacy (WEP)?

- A. Wireless network overhead is excessive.
- B. Symmetric-key encryption is susceptible to cracking.
- C. The number of devices that can communicate using WEP is limited.
- D. Encryption and decryption speeds are slower compared to other protocols.

Answer: B

NEW QUESTION 62

You have recently purchased a new wireless router. You would like to configure a name for your wireless network so that you can easily identify it when scanning available wireless networks.

Which term describes this wireless network device name?

- A. Default gateway
- B. Wireless access point (AP)
- C. Access Point Identifier (API)
- D. Service Set Identifier (SSID)

Answer: D

NEW QUESTION 64

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