

ECCouncil.212-82.v2023-09-05.q21

Exam Code:	212-82
Exam Name:	Certified Cybersecurity Technician
Certification Provider:	ECCouncil
Free Question Number:	21
Version:	v2023-09-05
# of views:	569
# of Questions views:	210
https://www.freeqas.com/qa/ECCouncil/212-82/ECCouncil.212-82.v2023-09-05.q21.html	

NEW QUESTION: 1

A software company has implemented a wireless technology to track the employees' attendance by recording their in and out timings. Each employee in the company will have an entry card that is embedded with a tag. Whenever an employee enters the office premises, he/she is required to swipe the card at the entrance. The wireless technology uses radio-frequency electromagnetic waves to transfer data for automatic identification and for tracking tags attached to objects.

Which of the following technologies has the software company implemented in the above scenario?

- A. RFID
- B. WiMAX
- C. Bluetooth
- D. Wi-Fi

Answer: A (LEAVE A REPLY)

NEW QUESTION: 2

A text file containing sensitive information about the organization has been leaked and modified to bring down the reputation of the organization. As a safety measure, the organization did contain the MD5 hash of the original file. The file which has been leaked is retained for examining the integrity. A file named "Sensitiveinfo.txt" along with OriginalFileHash.txt has been stored in a folder named Hash in Documents of Attacker Machine-1. Compare the hash value of the original file with the leaked file and state whether the file has been modified or not by selecting yes or no.

- A. Yes
- B. No

Answer: A (LEAVE A REPLY)

NEW QUESTION: 3

Richards, a security specialist at an organization, was monitoring an IDS system. While monitoring, he suddenly received an alert of an ongoing intrusion attempt on the organization's network. He immediately averted the malicious actions by implementing the necessary measures.

Identify the type of alert generated by the IDS system in the above scenario.

- A. False positive
- B. True positive
- C. False negative
- D. True negative

Answer: B (LEAVE A REPLY)

NEW QUESTION: 4

Malachi, a security professional, implemented a firewall in his organization to trace incoming and outgoing traffic. He deployed a firewall that works at the session layer of the OSI model and monitors the TCP handshake between hosts to determine whether a requested session is legitimate.

Identify the firewall technology implemented by Malachi in the above scenario.

- A. Network address translation (NAT)
- B. Packet filtering
- C. Next generation firewall (NGFW)
- D. Circuit-level gateways

Answer: D (LEAVE A REPLY)

NEW QUESTION: 5

Ryleigh, a system administrator, was instructed to perform a full back up of organizational data on a regular basis. For this purpose, she used a backup technique on a fixed date when the employees are not accessing the system i.e., when a service-level down time is allowed a full backup is taken.

Identify the backup technique utilized by Ryleigh in the above scenario.

- A. Hot backup
- B. Cold backup
- C. Warm backup
- D. Nearline backup

Answer: B (LEAVE A REPLY)

NEW QUESTION: 6

A threat intelligence feed data file has been acquired and stored in the Documents folder of Attacker Machine-1 (File Name: Threatfeed.txt). You are a cybersecurity technician working for an ABC organization. Your organization has assigned you a task to analyze the

data and submit a report on the threat landscape. Select the IP address linked with <http://securityabc.s21sec.com>.

- A. 5.9.200.200
- B. 5.9.200.150
- C. 5.9.110.120
- D. 5.9.188.148

Answer: D (LEAVE A REPLY)

NEW QUESTION: 7

Sam, a software engineer, visited an organization to give a demonstration on a software tool that helps in business development. The administrator at the organization created a least privileged account on a system and allocated that system to Sam for the demonstration. Using this account, Sam can only access the files that are required for the demonstration and cannot open any other file in the system.

Which of the following type of accounts the organization has given to Sam in the above scenario?

- A. Guest account
- B. Service account
- C. User account
- D. Administrator account

Answer: A (LEAVE A REPLY)

NEW QUESTION: 8

Initiate an SSH Connection to a machine that has SSH enabled in the network. After connecting to the machine find the file `flag.txt` and choose the content hidden in the file. Credentials for SSH login are provided below:

Hint:

Username: sam

Password: admin@l23

- A. bob2@sam
- B. sam@bob
- C. sam2@bob
- D. bob@sam

Answer: D (LEAVE A REPLY)

NEW QUESTION: 9

Walker, a security team member at an organization, was instructed to check if a deployed cloud service is working as expected. He performed an independent examination of cloud service controls to verify adherence to standards through a review of objective evidence. Further, Walker evaluated the services provided by the CSP regarding security controls, privacy impact, and performance.

Identify the role played by Walker in the above scenario.

- A. Cloud consumer
- B. Cloud provider
- C. Cloud auditor
- D. Cloud carrier

Answer: C (LEAVE A REPLY)

NEW QUESTION: 10

Stephen, a security professional at an organization, was instructed to implement security measures that prevent corporate data leakage on employees' mobile devices. For this purpose, he employed a technique using which all personal and corporate data are isolated on an employee's mobile device. Using this technique, corporate applications do not have any control of or communication with the private applications or data of the employees.

Which of the following techniques has Stephen implemented in the above scenario?

- A. Full device encryption
- B. Geofencing
- C. OTA updates
- D. Containerization

Answer: D (LEAVE A REPLY)

NEW QUESTION: 11

Leo has walked to the nearest supermarket to purchase grocery. At the billing section, the billing executive scanned each product's machine-readable tag against a readable machine that automatically reads the product details, displays the prices of the individual product on the computer, and calculates the sum of those scanned items. Upon completion of scanning all the products, Leo has to pay the bill.

Identify the type of short-range wireless communication technology that the billing executive has used in the above scenario.

- A. QR codes and barcodes
- B. QUIC
- C. Radio-frequency identification (RFID)
- D. Near-field communication (NFC)

Answer: C (LEAVE A REPLY)

NEW QUESTION: 12

Karter, a security professional, deployed a honeypot on the organization's network for luring attackers who attempt to breach the network. For this purpose, he configured a type of honeypot that simulates a real OS as well as applications and services of a target network. Furthermore, the honeypot deployed by Karter only responds to preconfigured commands.

Identify the type of Honeypot deployed by Karter in the above scenario.

- A. High-interaction honeypot
- B. Low-interaction honeypot
- C. Pure honeypot
- D. Medium-interaction honeypot

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

Mark, a security analyst, was tasked with performing threat hunting to detect imminent threats in an organization's network. He generated a hypothesis based on the observations in the initial step and started the threat hunting process using existing data collected from DNS and proxy logs.

Identify the type of threat hunting method employed by Mark in the above scenario.

- A. Entity-driven hunting
- B. Data-driven hunting
- C. Hybrid hunting
- D. TTP-driven hunting

Answer: **B** ([LEAVE A REPLY](#))

NEW QUESTION: 14

Tristan, a professional penetration tester, was recruited by an organization to test its network infrastructure. The organization wanted to understand its current security posture and its strength in defending against external threats. For this purpose, the organization did not provide any information about their IT infrastructure to Tristan. Thus, Tristan initiated zero-knowledge attacks, with no information or assistance from the organization. Which of the following types of penetration testing has Tristan initiated in the above scenario?

- A. Black-box testing
- B. Translucent-box testing
- C. Gray-box testing
- D. White-box testing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

Nicolas, a computer science student, decided to create a guest OS on his laptop for different lab operations. He adopted a virtualization approach in which the guest OS will not be aware that it is running in a virtualized environment. The virtual machine manager (VMM) will directly interact with the computer hardware, translate commands to binary instructions, and forward them to the host OS.

Which of the following virtualization approaches has Nicolas adopted in the above scenario?

- A. Full virtualization
- B. Hybrid virtualization
- C. Hardware-assisted virtualization
- D. OS-assisted virtualization

Answer: (SHOW ANSWER)

NEW QUESTION: 16

Paul, a computer user, has shared information with his colleague using an online application. The online application used by Paul has been incorporated with the latest encryption mechanism. This mechanism encrypts data by using a sequence of photons that have a spinning trait while traveling from one end to another, and these photons keep changing their shapes during their course through filters: vertical, horizontal, forward slash, and backslash.

Identify the encryption mechanism demonstrated in the above scenario.

- A. Quantum cryptography
- B. Rivest Shamir Adleman encryption
- C. Homomorphic encryption
- D. Elliptic curve cryptography

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 17

Leilani, a network specialist at an organization, employed Wireshark for observing network traffic. Leilani navigated to the Wireshark menu icon that contains items to manipulate, display and apply filters, enable, or disable the dissection of protocols, and configure user-specified decodes.

Identify the Wireshark menu Leilani has navigated in the above scenario.

- A. Capture
- B. Main toolbar
- C. Statistics
- D. Analyze

Answer: A (LEAVE A REPLY)

NEW QUESTION: 18

Steve, a network engineer, was tasked with troubleshooting a network issue that is causing unexpected packet drops. For this purpose, he employed a network troubleshooting utility to capture the ICMP echo request packets sent to the server. He identified that certain packets are dropped at the gateway due to poor network connection.

Identify the network troubleshooting utility employed by Steve in the above scenario.

- A. arp
- B. traceroute
- C. ipconfig
- D. dnsenum

Answer: B (LEAVE A REPLY)

NEW QUESTION: 19

Grace, an online shopping freak, has purchased a smart TV using her debit card. During online payment, Grace's browser redirected her from ecommerce website to a third-party payment gateway, where she provided her debit card details and OTP received on her registered mobile phone. After completing the transaction, Grace navigated to her online bank account and verified the current balance in her savings account.

Identify the state of data when it is being processed between the ecommerce website and the payment gateway in the above scenario.

- A. Data at rest
- B. Data in use
- C. Data in transit
- D. Data in inactive

Answer: C (LEAVE A REPLY)

NEW QUESTION: 20

Hayes, a security professional, was tasked with the implementation of security controls for an industrial network at the Purdue level 3.5 (IDMZ). Hayes verified all the possible attack vectors on the IDMZ level and deployed a security control that fortifies the IDMZ against cyber-attacks.

Identify the security control implemented by Hayes in the above scenario.

- A. Point-to-point communication
- B. Anti-DoS solution
- C. Use of authorized RTU and PLC commands
- D. MAC authentication

Answer: C (LEAVE A REPLY)

NEW QUESTION: 21

Thomas, an employee of an organization, is restricted to access specific websites from his office system. He is trying to obtain admin credentials to remove the restrictions. While

waiting for an opportunity, he sniffed communication between the administrator and an application server to retrieve the admin credentials. Identify the type of attack performed by Thomas in the above scenario.

- A. Eavesdropping
- B. Vishing
- C. Dumpster diving
- D. Phishing

Answer: ([SHOW ANSWER](#))

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