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➤ **Exam Name:** Certified Ethical Hacker Exam (CEH v11)

➤ **New Updated Questions from** [Braindump2go](https://www.braindump2go.com)

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QUESTION 979

John, a security analyst working for an organization, found a critical vulnerability on the organization's LAN that allows him to view financial and personal information about the rest of the employees. Before reporting the vulnerability, he examines the information shown by the vulnerability for two days without disclosing any information to third parties or other internal employees. He does so out of curiosity about the other employees and may take advantage of this information later. What would John be considered as?

- A. Acybercriminal
- B. Black hat
- C. White hat
- D. Gray hat

Answer: A

QUESTION 980

BitLocker encryption has been implemented for all the Windows-based computers in an organization. You are concerned that someone might lose their cryptographic key. Therefore, a mechanism was implemented to recover the keys from Active Directory. What is this mechanism called in cryptography?

- A. Key archival
- B. Key escrow.
- C. Certificate rollover
- D. Key renewal

Answer: C

QUESTION 981

Miley, a professional hacker, decided to attack a target organization's network. To perform the attack, she used a tool to send fake ARP messages over the target network to link her MAC address with the target system's IP address. By performing this, Miley received messages directed to the victim's MAC address and further used the tool to intercept, steal, modify, and block sensitive communication to the target system. What is the tool employed by Miley to perform the above attack?

- A. Gobbler
- B. KDerpNSpoof
- C. BetterCAP
- D. Wireshark

Answer: C

QUESTION 982

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Mason, a professional hacker, targets an organization and spreads Emotet malware through malicious script. After infecting the victim's device. Mason further used Emotet to spread the infection across local networks and beyond to compromise as many machines as possible. In this process, he used a tool, which is a self-extracting RAR file, to retrieve information related to network resources such as writable share drives. What is the tool employed by Mason in the above scenario?

- A. NetPass.exe
- B. Outlook scraper
- C. WebBrowserPassView
- D. Credential enumerator

Answer: D

QUESTION 983

Which wireless security protocol replaces the personal pre-shared key (PSK) authentication with Simultaneous Authentication of Equals (SAE) and is therefore resistant to offline dictionary attacks?

- A. WPA3-Personal
- B. WPA2-Enterprise
- C. Bluetooth
- D. ZigBee

Answer: A

QUESTION 984

A "Server-Side Includes" attack refers to the exploitation of a web application by injecting scripts in HTML pages or executing arbitrary code remotely.

Which web-page file type, if it exists on the web server, is a strong indication that the server is vulnerable to this kind of attack?

- A. .stm
- B. .html
- C. .rss
- D. .cms

Answer: B

QUESTION 985

Which of the following web vulnerabilities would an attacker be attempting to exploit if they delivered the following input?

```
<!DOCTYPE blah [ < ENTITY trustme SYSTEM "file:///etc/passwd" > ] >
```

- A. XXE
- B. SQLi
- C. IDOR
- D. XSS

Answer: A

QUESTION 986

Which of the following allows attackers to draw a map or outline the target organization's network infrastructure to know about the actual environment that they are going to hack.

- A. Enumeration
- B. Vulnerability analysis
- C. Malware analysis

D. Scanning networks

Answer: A

QUESTION 987

Eric, a cloud security engineer, implements a technique for securing the cloud resources used by his organization. This technique assumes by default that a user attempting to access the network is not an authentic entity and verifies every incoming connection before allowing access to the network. Using this technique, he also imposed conditions such that employees can access only the resources required for their role.

What is the technique employed by Eric to secure cloud resources?

- A. Serverless computing
- B. Demilitarized zone
- C. Container technology
- D. Zero trust network

Answer: D

QUESTION 988

Calvin, a software developer, uses a feature that helps him auto-generate the content of a web page without manual involvement and is integrated with SSI directives. This leads to a vulnerability in the developed web application as this feature accepts remote user inputs and uses them on the page. Hackers can exploit this feature and pass malicious SSI directives as input values to perform malicious activities such as modifying and erasing server files. What is the type of injection attack Calvin's web application is susceptible to?

- A. Qserver-side template injection
- B. Server-side JS injection
- C. CRLF injection
- D. A Server-side includes injection

Answer: D

QUESTION 989

John, a professional hacker, targeted CyberSol Inc., an MNC. He decided to discover the IoT devices connected in the target network that are using default credentials and are vulnerable to various hijacking attacks. For this purpose, he used an automated tool to scan the target network for specific types of IoT devices and detect whether they are using the default, factory-set credentials. What is the tool employed by John in the above scenario?

- A. IoTSeeker
- B. IoT Inspector
- C. AT&T IoT Platform
- D. Azure IoT Central

Answer: B

QUESTION 990

Josh has finished scanning a network and has discovered multiple vulnerable services. He knows that several of these usually have protections against external sources but are frequently susceptible to internal users. He decides to draft an email, spoof the sender as the internal IT team, and attach a malicious file disguised as a financial spreadsheet. Before Josh sends the email, he decides to investigate other methods of getting the file onto the system. For this particular attempt, what was the last stage of the cyber kill chain that Josh performed?

- A. Exploitation
- B. Weaponization
- C. Delivery
- D. Reconnaissance

Answer: D

QUESTION 991

An organization decided to harden its security against web-application and web-server attacks. John, a security personnel in the organization, employed a security scanner to automate web-application security testing and to guard the organization's web infrastructure against web-application threats. Using that tool, he also wants to detect XSS, directory transversal problems, fault injection, SQL injection, attempts to execute commands, and several other attacks. Which of the following security scanners will help John perform the above task?

- A. AlienVault@OSSIMTM
- B. ASyhunt Hybrid
- C. Saleae Logic Analyzer
- D. Cisco ASA

Answer: B

QUESTION 992

To hide the file on a Linux system, you have to start the filename with a specific character. What is the character?

- A. Exclamation mark (!)
- B. Underscore (_)
- C. Tilde H
- D. Period (.)

Answer: D

QUESTION 993

Harris is attempting to identify the OS running on his target machine. He inspected the initial TTL in the IP header and the related TCP window size and obtained the following results:

TTL: 64 Window Size: 5840

What is the OS running on the target machine?

- A. Solaris OS
- B. Windows OS
- C. Mac OS
- D. Linux OS

Answer: D

QUESTION 994

Attacker Rony installed a rogue access point within an organization's perimeter and attempted to intrude into its internal network. Johnson, a security auditor, identified some unusual traffic in the internal network that is aimed at cracking the authentication mechanism. He immediately turned off the targeted network and tested for any weak and outdated security mechanisms that are open to attack. What is the type of vulnerability assessment performed by Johnson in the above scenario?

- A. Host-based assessment
- B. Wireless network assessment
- C. Application assessment
- D. Distributed assessment

Answer: B

QUESTION 995

Jane is working as a security professional at CyberSol Inc. She was tasked with ensuring the authentication and integrity of messages being transmitted in the corporate network. To encrypt the messages, she implemented a

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security model in which every user in the network maintains a ring of public keys. In this model, a user needs to encrypt a message using the receiver's public key, and only the receiver can decrypt the message using their private key. What is the security model implemented by Jane to secure corporate messages?

- A. Zero trust network
- B. Transport Layer Security (TLS)
- C. Secure Socket Layer (SSL)
- D. Web of trust (WOT)

Answer: B

QUESTION 996

While performing an Nmap scan against a host, Paola determines the existence of a firewall. In an attempt to determine whether the firewall is stateful or stateless, which of the following options would be best to use?

- A. -sA
- B. -sX
- C. -sT
- D. -sF

Answer: A

QUESTION 997

Bob wants to ensure that Alice can check whether his message has been tampered with. He creates a checksum of the message and encrypts it using asymmetric cryptography. What key does Bob use to encrypt the checksum for accomplishing this goal?

- A. Alice's private key
- B. Alice's public key
- C. His own private key
- D. His own public key

Answer: B

QUESTION 998

Mirai malware targets IoT devices. After infiltration, it uses them to propagate and create botnets that then used to launch which types of attack?

- A. MITM attack
- B. Birthday attack
- C. DDoS attack
- D. Password attack

Answer: C

QUESTION 999

What information security law or standard aims at protecting stakeholders and the general public from accounting errors and fraudulent activities within organizations?

- A. PCI-DSS
- B. FISMA
- C. SOX
- D. ISO/IEC 27001:2013

Answer: C

QUESTION 1000

Kevin, an encryption specialist, implemented a technique that enhances the security of keys used for encryption and authentication. Using this technique, Kevin input an initial key to an algorithm that generated an enhanced key that is resistant to brute-force attacks. What is the technique employed by Kevin to improve the security of encryption keys?

- A. Key derivation function
- B. Key reinstallation
- C. A Public key infrastructure
- D. Key stretching

Answer: C

QUESTION 1001

Ron, a security professional, was pen testing web applications and SaaS platforms used by his company. While testing, he found a vulnerability that allows hackers to gain unauthorized access to API objects and perform actions such as view, update, and delete sensitive data of the company.

What is the API vulnerability revealed in the above scenario?

- A. Code injections
- B. Improper use of CORS
- C. No ABAC validation
- D. Business logic flaws

Answer: B

QUESTION 1002

Leverox Solutions hired Arnold, a security professional, for the threat intelligence process. Arnold collected information about specific threats against the organization. From this information, he retrieved contextual information about security events and incidents that helped him disclose potential risks and gain insight into attacker methodologies. He collected the information from sources such as humans, social media, and chat rooms as well as from events that resulted in cyberattacks. In this process, he also prepared a report that includes identified malicious activities, recommended courses of action, and warnings for emerging attacks. What is the type of threat intelligence collected by Arnold in the above scenario?

- A. Strategic threat intelligence
- B. Tactical threat intelligence
- C. Operational threat intelligence
- D. Technical threat intelligence

Answer: A

QUESTION 1003

Rebecca, a security professional, wants to authenticate employees who use web services for safe and secure communication. In this process, she employs a component of the Web Service Architecture, which is an extension of SOAP, and it can maintain the integrity and confidentiality of SOAP messages. Which of the following components of the Web Service Architecture is used by Rebecca for securing the communication?

- A. WSDL
- B. WS Work Processes
- C. WS-Policy
- D. WS-Security

Answer: D

QUESTION 1004

Jake, a professional hacker, installed spyware on a target iPhone to spy on the target user's activities. He can take complete control of the target mobile device by jailbreaking the device remotely and record audio, capture screenshots,

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and monitor all phone calls and SMS messages. What is the type of spyware that Jake used to infect the target device?

- A. DroidSheep
- B. Andorrat
- C. Zscaler
- D. Trident

Answer: D

QUESTION 1005

Clark, a professional hacker, attempted to perform a Btlejacking attack using an automated tool, Btlejack, and hardware tool, micro:bit. This attack allowed Clark to hijack, read, and export sensitive information shared between connected devices. To perform this attack, Clark executed various btlejack commands. Which of the following commands was used by Clark to hijack the connections?

- A. `btlejack -f 0x129f3244-j`
- B. `btlejack -c any`
- C. `btlejack -d /dev/ttyACM0 -d /dev/ttyACM2 -s`
- D. `btlejack -f 0x9c68fd30 -t -m 0x1 ffffffff`

Answer: C

QUESTION 1006

Mike, a security engineer, was recently hired by BigFox Ltd. The company recently experienced disastrous DoS attacks. The management had instructed Mike to build defensive strategies for the company's IT infrastructure to thwart DoS/DDoS attacks. Mike deployed some countermeasures to handle jamming and scrambling attacks. What is the countermeasure Mike applied to defend against jamming and scrambling attacks?

- A. Allow the usage of functions such as gets and strcpy
- B. Allow the transmission of all types of addressed packets at the ISP level
- C. Implement cognitive radios in the physical layer
- D. A Disable TCP SYN cookie protection

Answer: D

QUESTION 1007

What useful information is gathered during a successful Simple Mail Transfer Protocol (SMTP) enumeration?

- A. The two internal commands VRFY and EXPN provide a confirmation of valid users, email addresses, aliases, and mailing lists.
- B. Reveals the daily outgoing message limits before mailboxes are locked
- C. The internal command RCPT provides a list of ports open to message traffic.
- D. A list of all mail proxy server addresses used by the targeted host

Answer: A

QUESTION 1008

Gregory, a professional penetration tester working at Sys Security Ltd., is tasked with performing a security test of web applications used in the company. For this purpose, Gregory uses a tool to test for any security loopholes by hijacking a session between a client and server. This tool has a feature of intercepting proxy that can be used to inspect and modify the traffic between the browser and target application. This tool can also perform customized attacks and can be used to test the randomness of session tokens. Which of the following tools is used by Gregory in the above scenario?

- A. Nmap
- B. Burp Suite
- C. CxSAST

D. Wireshark

Answer: B

QUESTION 1009

When considering how an attacker may exploit a web server, what is web server footprinting?

- A. When an attacker implements a vulnerability scanner to identify weaknesses
- B. When an attacker creates a complete profile of the site's external links and file structures
- C. When an attacker gathers system-level data, including account details and server names
- D. When an attacker uses a brute-force attack to crack a web-server password

Answer: B

QUESTION 1010

Which of the following tactics uses malicious code to redirect users' web traffic?

- A. Spimming
- B. Pharming
- C. Phishing
- D. Spear-phishing

Answer: B

QUESTION 1011

Attacker Simon targeted the communication network of an organization and disabled the security controls of NetNTLMv1 by modifying the values of LMCompatibilityLevel, NTLMMinClientSec, and RestrictSendingNTLMTraffic. He then extracted all the non-network logon tokens from all the active processes to masquerade as a legitimate user to launch further attacks.

What is the type of attack performed by Simon?

- A. Internal monologue attack
- B. Combinator attack
- C. Rainbow table attack
- D. Dictionary attack

Answer: A