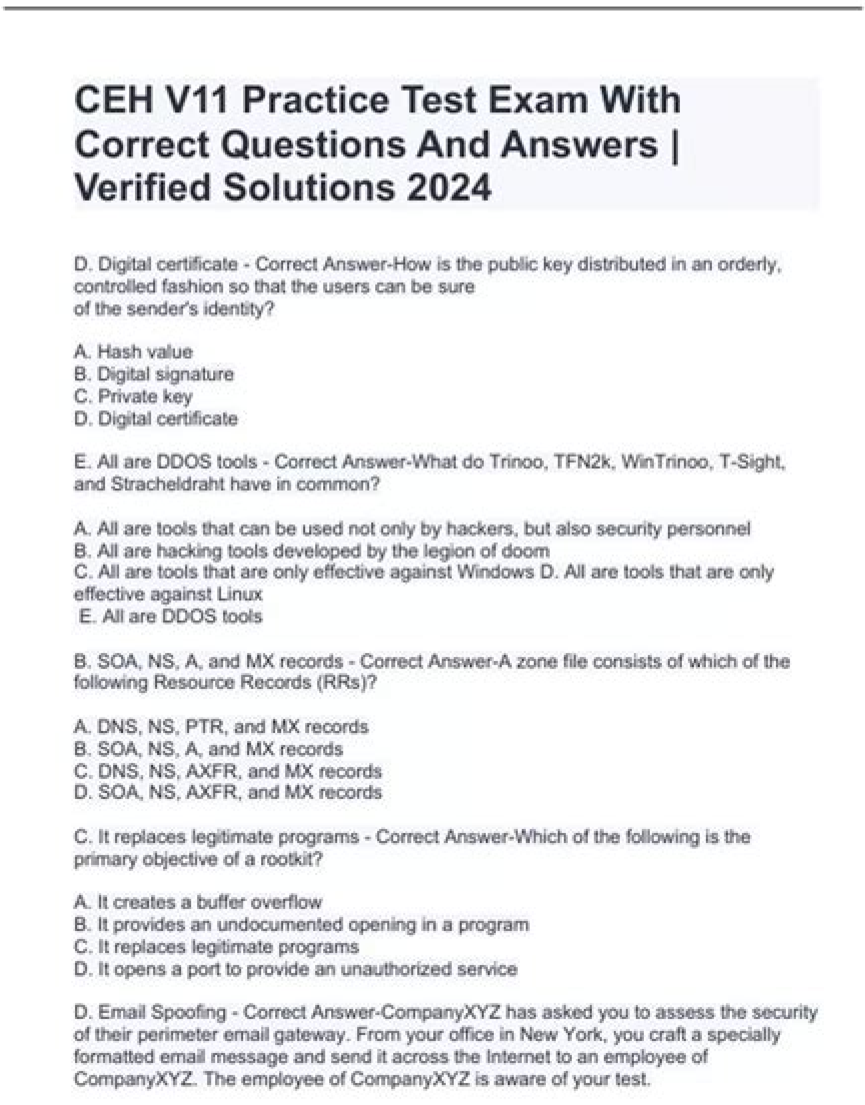
Ceh V11 Exam Questions And Answers



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D. Digital certificate - Correct Answer-How is the public key distributed in an orderly, controlled fashion so that the users can be sure
of the sender's identity?

A. Hash value
B. Digital signature
C. Private key
D. Digital certificate

E. All are DDOS tools - Correct Answer-What do Trinoo, TFN2k, WinTrinoo, T-Sight, and Stracheldraht have in common?

A. All are tools that can be used not only by hackers, but also security personnel
B. All are hacking tools developed by the legion of doom
C. All are tools that are only effective against Windows D. All are tools that are only effective against Linux
E. All are DDOS tools

B. SOA, NS, A, and MX records - Correct Answer-A zone file consists of which of the following Resource Records (RRs)?

A. DNS, NS, PTR, and MX records
B. SOA, NS, A, and MX records
C. DNS, NS, AXFR, and MX records
D. SOA, NS, AXFR, and MX records

C. It replaces legitimate programs - Correct Answer-Which of the following is the primary objective of a rootkit?

A. It creates a buffer overflow
B. It provides an undocumented opening in a program
C. It replaces legitimate programs
D. It opens a port to provide an unauthorized service

D. Email Spoofing - Correct Answer-CompanyXYZ has asked you to assess the security of their perimeter email gateway. From your office in New York, you craft a specially formatted email message and send it across the Internet to an employee of CompanyXYZ. The employee of CompanyXYZ is aware of your test.

CEH V11 Exam Questions and Answers are crucial for anyone looking to validate their skills as an ethical hacker. The Certified Ethical Hacker (CEH) certification, offered by the EC-Council, is a globally recognized credential that demonstrates an individual's ability to identify vulnerabilities and weaknesses in computer systems and networks. This article will provide an in-depth look at the CEH V11 exam, including its format, types of questions, study tips, and sample questions and answers.

Understanding the CEH V11 Exam

The CEH V11 exam aims to assess a candidate's knowledge of ethical hacking methodologies, tools, and techniques. It covers a wide range of topics that are essential for an ethical hacker, including:

- Footprinting and Reconnaissance
- Scanning Networks
- Enumeration
- Vulnerability Analysis
- System Hacking
- Malware Threats
- Sniffing
- Social Engineering
- Denial of Service
- Session Hijacking
- Web Server and Application Hacking
- Wireless Network Hacking
- Cryptography

Exam Format

The CEH V11 exam consists of the following characteristics:

- Total Questions: 125
- Exam Duration: 4 hours
- Passing Score: 60% (varies based on the exam version)
- Question Format: Multiple choice

Preparation Strategies

To successfully pass the CEH V11 exam, candidates should adopt a structured study approach. Here are some effective strategies:

1. Understand the Exam Objectives: Review the official EC-Council exam objectives to know what topics will be covered.
2. Use Official Training Resources: Enroll in official CEH training courses offered by EC-Council or authorized partners.
3. Practice with Sample Questions: Utilize practice exams and sample questions to familiarize yourself with the question format and style.
4. Join Study Groups: Engage with peers or join online forums to discuss topics and share resources.
5. Hands-on Practice: Set up a lab environment to practice ethical hacking techniques using tools like Metasploit, Wireshark, and Nmap.

Types of Questions

CEH V11 exam questions can be categorized into several types:

Knowledge-Based Questions

These questions assess your understanding of concepts and terminologies related to ethical hacking. For example:

- What is the purpose of a penetration test?
- Define social engineering.

Scenario-Based Questions

Scenario-based questions present a situation that you must analyze to determine the best course of action. For instance:

- You are tasked with securing a company’s web application. What steps would you take to identify vulnerabilities?

Tool-Specific Questions

These questions focus on specific tools and techniques used in ethical hacking. For example:

- Which tool would you use to perform network scanning, and why?

Sample Questions and Answers

Here are some sample CEH V11 exam questions along with their answers to help you prepare:

Question 1: What is the primary goal of footprinting in ethical hacking?

A. To gather information about a target network
B. To exploit vulnerabilities in a system
C. To install malware on a system
D. To create a denial-of-service attack

Answer: A. To gather information about a target network
Explanation: Footprinting is the first step in the ethical hacking process, where an attacker gathers information about a target to identify potential vulnerabilities.

Question 2: Which of the following is a common method used to exploit a buffer overflow vulnerability?

A. SQL Injection
B. Cross-Site Scripting
C. Overwriting the return address
D. Denial of Service

Answer: C. Overwriting the return address
Explanation: Buffer overflow attacks occur when an attacker sends more data to a buffer than it can handle, causing the program to overwrite the return address, leading to arbitrary code execution.

Question 3: In the context of social engineering, what is "pretexting"?

A. Sending unsolicited emails
B. Creating a fabricated scenario to obtain information
C. Gaining access to a system through brute force
D. Using social media to gather information

Answer: B. Creating a fabricated scenario to obtain information
Explanation: Pretexting involves constructing a false identity or scenario to manipulate individuals into divulging confidential information.

Question 4: What is the purpose of a VPN in network security?

A. To increase internet speed
B. To provide a secure connection over the internet
C. To block unauthorized access
D. To monitor network traffic

Answer: B. To provide a secure connection over the internet
Explanation: A Virtual Private Network (VPN) encrypts internet traffic and creates a secure tunnel between the user and the internet, protecting data from eavesdroppers.

Question 5: Which of the following tools is primarily used for network scanning?

A. Metasploit
B. Nmap
C. Wireshark
D. Burp Suite

Answer: B. Nmap
Explanation: Nmap (Network Mapper) is a widely used open-source tool for network discovery and security auditing, making it ideal for scanning networks.

Final Thoughts

Preparing for the CEH V11 Exam Questions and Answers requires a combination of theoretical knowledge and practical skills. By understanding the exam format, studying relevant topics, and practicing with sample questions, candidates can significantly improve their chances of passing the exam. Additionally, hands-on experience with ethical hacking tools and techniques is essential for success in both the exam and real-world ethical hacking scenarios. As the field of cybersecurity continues to evolve, staying updated with the latest trends and practices will also enhance one’s capabilities as an ethical hacker.

Frequently Asked Questions

What is the CEH v11 exam format?

The CEH v11 exam consists of 125 multiple-choice questions, and candidates have 4 hours to complete it.

How many questions are typically included in CEH v11 practice exams?

CEH v11 practice exams usually include around 100 to 200 questions to help candidates prepare.

What topics are covered in the CEH v11 exam?

The CEH v11 exam covers a range of topics including ethical hacking concepts, footprinting, scanning, enumeration, system hacking, malware threats, and more.

Is the CEH v11 exam available in multiple languages?

Yes, the CEH v11 exam is available in multiple languages, including English, Spanish, and others, to accommodate a global audience.

What is the passing score for the CEH v11 exam?

The passing score for the CEH v11 exam typically ranges from 60% to 85%, depending on the specific version of the exam.

Can I retake the CEH v11 exam if I fail?

Yes, candidates can retake the CEH v11 exam if they do not pass, but they may need to wait a certain period and pay the exam fee again.

Where can I find reliable CEH v11 exam questions and answers for practice?

Reliable CEH v11 exam questions and answers can be found in official CEH training materials, online practice tests, and study guides from reputable certification preparation websites.

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