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ECCouncil

312-50v13

Certified Ethical Hacker v13

QUESTION: 1
In this form of encryption algorithm, every individual block contains 64-bit data, and three keys are used, where each key consists of 56 bits. Which is this encryption algorithm?

A. IDEA
B. Triple Data Encryption Standard
C. AES
D. MD5 encryption algorithm

Answer(s): B

QUESTION: 2
John is investigating web-application firewall logs and observers that someone is attempting to inject the following:

```
char buff[10];
buff[10] = 'a';
```

What type of attack is this?

A. SQL injection
B. Buffer overflow
C. CSRF
D. XSS

Answer(s): B

QUESTION: 3
John, a professional hacker, performs a network attack on a renowned organization and gains unauthorized access to the target network. He remains in the network without being detected for a long time and obtains sensitive information without sabotaging the organization.

Which of the following attack techniques is used by John?

A. Insider threat
B. Diversion theft
C. Spear-phishing sites
D. Advanced persistent threat

Answer(s): D

QUESTION: 4

You are attempting to run an Nmap port scan on a web server. Which of the following commands would result in a scan of common ports with the least amount of noise in order to evade IDS?

A. nmap -A - Pn
B. nmap -sP -p-65535 -T5
C. nmap -sT -O -T0
D. nmap -A --host-timeout 99 -T1

Answer(s): C

QUESTION: 5
This wireless security protocol allows 192-bit minimum-strength security protocols and cryptographic tools to protect sensitive data, such as GCMP-256, HMAC-SHA384, and ECDSA using a 384-bit elliptic curve.

Which is this wireless security protocol?

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

Answer(s): B

QUESTION: 6
What are common files on a web server that can be misconfigured and provide useful information for a hacker such as verbose error messages?

A. httpd.conf
B. administration.config
C. php.ini
D. idq.dll

Answer(s): C

QUESTION: 7
Gerard, a disgruntled ex-employee of Sunglass IT Solutions, targets this organization to perform sophisticated attacks and bring down its reputation in the market. To launch the attacks process, he performed DNS footprinting to gather information about DNS servers and to identify the hosts connected in the target network. He used an automated tool that can retrieve information about DNS zone data including DNS domain names, computer names, IP addresses, DNS records, and network Whois records. He further exploited this information to launch other sophisticated attacks.