Exam Questions 312-50v11

Certified Ethical Hacker Exam (CEH v11)

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NEW QUESTION 1
Windows LAN Manager (LM) hashes are known to be weak.
Which of the following are known weaknesses of LM? (Choose three.)

A. Converts passwords to uppercase.
B. Hashes are sent in clear text over the network.
C. Makes use of only 32-bit encryption.
D. Effective length is 7 characters.

Answer: ABD

NEW QUESTION 2
What two conditions must a digital signature meet?

A. Has to be the same number of characters as a physical signature and must be unique.
B. Has to be unforgeable, and has to be authentic.
C. Must be unique and have special characters.
D. Has to be legible and neat.

Answer: B

NEW QUESTION 3
One of your team members has asked you to analyze the following SOA record. What is the version? Rutgers.edu.SOA NS1.Rutgers.edu ipad.college.edu (200302028 3600 3600 604800 2400.) (Choose four.)

A. 200303028
B. 3600
C. 604800
D. 2400
E. 60
F. 4800

Answer: A

NEW QUESTION 4
An incident investigator asks to receive a copy of the event logs from all firewalls, proxy servers, and Intrusion Detection Systems (IDS) on the network of an organization that has experienced a possible breach of security. When the investigator attempts to correlate the information in all of the logs, the sequence of many of the logged events do not match up.
What is the most likely cause?

A. The network devices are not all synchronized.
B. Proper chain of custody was not observed while collecting the logs.
C. The attacker altered or erased events from the logs.
D. The security breach was a false positive.

Answer: A

NEW QUESTION 5
You are working as a Security Analyst in a company XYZ that owns the whole subnet range of 23.0.0.0/8 and 192.168.0.0/8.
While monitoring the data, you find a high number of outbound connections. You see that IP's owned by XYZ (Internal) and private IP's are communicating to a Single Public IP. Therefore, the Internal IP's are sending data to the Public IP.
After further analysis, you find out that this Public IP is a blacklisted IP, and the internal communicating devices are compromised.
What kind of attack does the above scenario depict?

A. Botnet Attack
B. Spear Phishing Attack
C. Advanced Persistent Threats
D. Rootkit Attack

Answer: A

NEW QUESTION 6
Which of the following describes the characteristics of a Boot Sector Virus?

A. Modifies directory table entries so that directory entries point to the virus code instead of the actual program.
B. Moves the MBR to another location on the RAM and copies itself to the original location of the MBR.
C. Moves the MBR to another location on the hard disk and copies itself to the original location of the MBR.
D. Overwrites the original MBR and only executes the new virus code.

Answer: C

NEW QUESTION 7
In the field of cryptanalysis, what is meant by a “rubber-hose” attack?

A. Forcing the targeted keystream through a hardware-accelerated device such as an ASIC.

B. A backdoor placed into a cryptographic algorithm by its creator.
C. Extraction of cryptographic secrets through coercion or torture.
D. Attempting to decrypt ciphertext by making logical assumptions about the contents of the original plaintext.

Answer: C

NEW QUESTION 8
In an internal security audit, the white hat hacker gains control over a user account and attempts to acquire access to another account's confidential files and information. How can he achieve this?

A. Privilege Escalation
B. Shoulder-Surfing
C. Hacking Active Directory
D. Port Scanning

Answer: A

NEW QUESTION 9
Nedved is an IT Security Manager of a bank in his country. One day. he found out that there is a security breach to his company's email server based on analysis of a suspicious connection from the email server to an unknown IP Address.
What is the first thing that Nedved needs to do before contacting the incident response team?

A. Leave it as it Is and contact the incident response te3m right away
B. Block the connection to the suspicious IP Address from the firewall
C. Disconnect the email server from the network
D. Migrate the connection to the backup email server

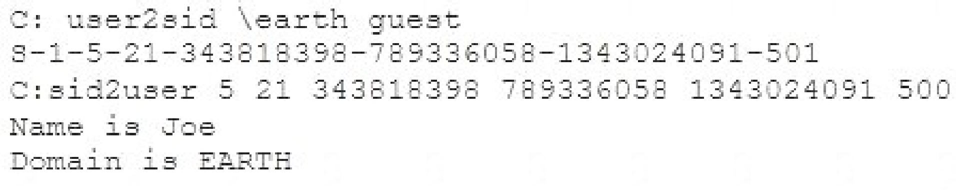
Answer: C

NEW QUESTION 10
When a normal TCP connection starts, a destination host receives a SYN (synchronize/start) packet from a source host and sends back a SYN/ACK (synchronize acknowledge). The destination host must then hear an ACK (acknowledge) of the SYN/ACK before the connection is established. This is referred to as the "TCP three-way handshake." While waiting for the ACK to the SYN ACK, a connection queue of finite size on the destination host keeps track of connections waiting to be completed. This queue typically empties quickly since the ACK is expected to arrive a few milliseconds after the SYN ACK.
How would an attacker exploit this design by launching TCP SYN attack?

A. Attacker generates TCP SYN packets with random destination addresses towards a victim host
B. Attacker floods TCP SYN packets with random source addresses towards a victim host
C. Attacker generates TCP ACK packets with random source addresses towards a victim host
D. Attacker generates TCP RST packets with random source addresses towards a victim host

Answer: B

NEW QUESTION 10
What did the following commands determine?



```
C: user2sid \earth guest
S-1-5-21-343818398-789336058-1343024091-501
C:sid2user 5 21 343818398 789336058 1343024091 500
Name is Joe
Domain is EARTH
```

A. That the Joe account has a SID of 500
B. These commands demonstrate that the guest account has NOT been disabled
C. These commands demonstrate that the guest account has been disabled
D. That the true administrator is Joe
E. Issued alone, these commands prove nothing

Answer: D

NEW QUESTION 13
Which of the following is a component of a risk assessment?

A. Administrative safeguards
B. Physical security
C. DMZ
D. Logical interface

Answer: A

NEW QUESTION 16
You have successfully logged on a Linux system. You want to now cover your trade Your login attempt may be logged on several files located in /var/log. Which file does NOT belongs to the list:

A. user.log
B. auth.fesg

C. wtmp
D. btmp

Answer: C

NEW QUESTION 18
What kind of detection techniques is being used in antivirus softwares that identifies malware by collecting data from multiple protected systems and instead of analyzing files locally it's made on the premiers environment

A. VCloud based
B. Honypot based
C. Behaviour based
D. Heuristics based

Answer: A

NEW QUESTION 19
Email is transmitted across the Internet using the Simple Mail Transport Protocol. SMTP does not encrypt email, leaving the information in the message vulnerable to being read by an unauthorized person. SMTP can upgrade a connection between two mail servers to use TLS. Email transmitted by SMTP over TLS is encrypted. What is the name of the command used by SMTP to transmit email over TLS?

A. OPPORTUNISTICTLS
B. UPGRADETLS
C. FORCETLS
D. STARTTLS

Answer: D

NEW QUESTION 24
What is the proper response for a NULL scan if the port is closed?

A. SYN
B. ACK
C. FIN
D. PSH
E. RST
F. No response

Answer: E

NEW QUESTION 26
Identify the UDP port that Network Time Protocol (NTP) uses as its primary means of communication?

A. 113
B. 69
C. 123
D. 161

Answer: C

NEW QUESTION 28
Your company was hired by a small healthcare provider to perform a technical assessment on the network. What is the best approach for discovering vulnerabilities on a Windows-based computer?

A. Use the built-in Windows Update tool
B. Use a scan tool like Nessus
C. Check MITRE.org for the latest list of CVE findings
D. Create a disk image of a clean Windows installation

Answer: B

NEW QUESTION 33
“........is an attack type for a rogue Wi-Fi access point that appears to be a legitimate one offered on the premises, but actually has been set up to eavesdrop on wireless communications. It is the wireless version of the phishing scam. An attacker fools wireless users into connecting a laptop or mobile phone to a tainted hot-spot by posing as a legitimate provider. This type of attack may be used to steal the passwords of
unsuspecting users by either snooping the communication link or by phishing, which involves setting up a fraudulent web site and luring people there.”
Fill in the blank with appropriate choice.

A. Evil Twin Attack
B. Sinkhole Attack
C. Collision Attack
D. Signal Jamming Attack

Answer: A

NEW QUESTION 34

While performing online banking using a Web browser, a user receives an email that contains a link to an interesting Web site. When the user clicks on the link, another Web browser session starts and displays a video of cats playing a piano. The next business day, the user receives what looks like an email from his bank, indicating that his bank account has been accessed from a foreign country. The email asks the user to call his bank and verify the authorization of a funds transfer that took place. What Web browser-based security vulnerability was exploited to compromise the user?

A. Clickjacking
B. Cross-Site Scripting
C. Cross-Site Request Forgery
D. Web form input validation

Answer: C

NEW QUESTION 39
Bob, a network administrator at BigUniversity, realized that some students are connecting their notebooks in the wired network to have Internet access. In the university campus, there are many Ethernet ports available for professors and authorized visitors but not for students.
He identified this when the IDS alerted for malware activities in the network. What should Bob do to avoid this problem?

A. Disable unused ports in the switches
B. Separate students in a different VLAN
C. Use the 802.1x protocol
D. Ask students to use the wireless network

Answer: C

NEW QUESTION 44
A zone file consists of which of the following Resource Records (RRs)?

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

Answer: D

NEW QUESTION 46
During an Xmas scan what indicates a port is closed?

A. No return response
B. RST
C. ACK
D. SYN

Answer: B

NEW QUESTION 50
Every company needs a formal written document which spells out to employees precisely what they are allowed to use the company's systems for, what is prohibited, and what will happen to them if they break the rules. Two printed copies of the policy should be given to every employee as soon as possible after they join the organization. The employee should be asked to sign one copy, which should be safely filed by the company. No one should be allowed to use the company's computer systems until they have signed the policy in acceptance of its terms.
What is this document called?

A. Information Audit Policy (IAP)
B. Information Security Policy (ISP)
C. Penetration Testing Policy (PTP)
D. Company Compliance Policy (CCP)

Answer: B

NEW QUESTION 55
Let's imagine three companies (A, B and C), all competing in a challenging global environment. Company A and B are working together in developing a product that will generate a major competitive advantage for them. Company A has a secure DNS server while company B has a DNS server vulnerable to spoofing. With a spoofing attack on the DNS server of company B, company C gains access to outgoing e-mails from company B. How do you prevent DNS spoofing?

A. Install DNS logger and track vulnerable packets
B. Disable DNS timeouts
C. Install DNS Anti-spoofing
D. Disable DNS Zone Transfer

Answer: C

NEW QUESTION 59
Your company performs penetration tests and security assessments for small and medium-sized business in the local area. During a routine security assessment, you discover information that suggests your client is involved with human trafficking.
What should you do?

A. Confront the client in a respectful manner and ask her about the data.
B. Copy the data to removable media and keep it in case you need it.

C. Ignore the data and continue the assessment until completed as agreed.
D. Immediately stop work and contact the proper legal authorities.

Answer: D

NEW QUESTION 63
PGP, SSL, and IKE are all examples of which type of cryptography?

A. Digest
B. Secret Key
C. Public Key
D. Hash Algorithm

Answer: C

NEW QUESTION 68
A hacker is an intelligent individual with excellent computer skills and the ability to explore a computer’s software and hardware without the owner’s permission. Their intention can either be to simply gain knowledge or to illegally make changes.
Which of the following class of hacker refers to an individual who works both offensively and defensively at various times?

A. White Hat
B. Suicide Hacker
C. Gray Hat
D. Black Hat

Answer: C

NEW QUESTION 72
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. Private key
C. Digital signature
D. Digital certificate

Answer: D

NEW QUESTION 73
What is the purpose of DNS AAAA record?

A. Authorization, Authentication and Auditing record
B. Address prefix record
C. Address database record
D. IPv6 address resolution record

Answer: D

NEW QUESTION 75
Matthew, a black hat, has managed to open a meterpreter session to one of the kiosk machines in Evil Corp’s lobby. He checks his current SID, which is S-1-5-21-1223352397-1872883824-861252104-501. What needs to happen before Matthew has full administrator access?

A. He must perform privilege escalation.
B. He needs to disable antivirus protection.
C. He needs to gain physical access.
D. He already has admin privileges, as shown by the “501” at the end of the SID.

Answer: A

NEW QUESTION 80
What is correct about digital signatures?

A. A digital signature cannot be moved from one signed document to another because it is the hash of the original document encrypted with the private key of the signing party.
B. Digital signatures may be used in different documents of the same type.
C. A digital signature cannot be moved from one signed document to another because it is a plain hash of the document content.
D. Digital signatures are issued once for each user and can be used everywhere until they expire.

Answer: A

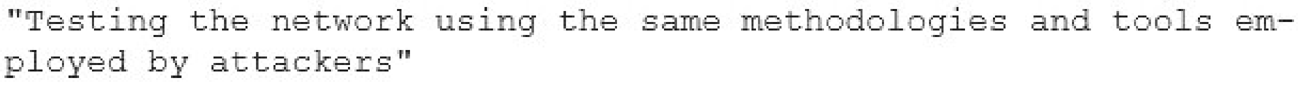
NEW QUESTION 84
To reach a bank web site, the traffic from workstations must pass through a firewall. You have been asked to review the firewall configuration to ensure that workstations in network 10.10.10.0/24 can only reach the bank web site 10.20.20.1 using https. Which of the following firewall rules meets this requirement?

A. If (source matches 10.10.10.0/24 and destination matches 10.20.20.1 and port matches 443) then permit
B. If (source matches 10.10.10.0/24 and destination matches 10.20.20.1 and port matches 80 or 443) then permit

C. If (source matches 10.20.20.1 and destination matches 10.10.10.0/24 and port matches 443) then permit
D. If (source matches 10.10.10.0 and destination matches 10.20.20.1 and port matches 443) then permit

Answer: A

NEW QUESTION 87
Identify the correct terminology that defines the above statement.



"Testing the network using the same methodologies and tools employed by attackers"

A. Vulnerability Scanning
B. Penetration Testing
C. Security Policy Implementation
D. Designing Network Security

Answer: B

NEW QUESTION 89
You have gained physical access to a Windows 2008 R2 server which has an accessible disc drive. When you attempt to boot the server and log in, you are unable to guess the password. In your toolkit, you have an Ubuntu 9.10 Linux LiveCD. Which Linux-based tool can change any user's password or activate disabled Windows accounts?

A. John the Ripper
B. SET
C. CHNTPW
D. Cain & Abel

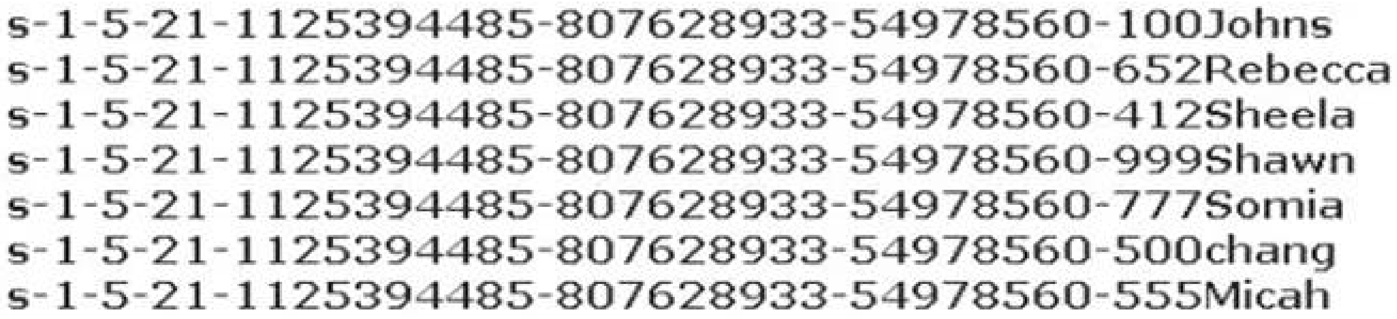
Answer: C

NEW QUESTION 94
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. Your email message looks like this:
From: jim_miller@companyxyz.com
To: michelle_saunders@companyxyz.com Subject: Test message Date: 4/3/2017 14:37
The employee of CompanyXYZ receives your email message.
This proves that CompanyXYZ's email gateway doesn't prevent what?

A. Email Masquerading
B. Email Harvesting
C. Email Phishing
D. Email Spoofing

Answer: D

NEW QUESTION 97
Peter extracts the SIDs list from Windows 2000 Server machine using the hacking tool "SIDExtractor". Here is the output of the SIDs:



```
s-1-5-21-1125394485-807628933-54978560-100Johns
s-1-5-21-1125394485-807628933-54978560-652Rebecca
s-1-5-21-1125394485-807628933-54978560-412Sheela
s-1-5-21-1125394485-807628933-54978560-999Shawn
s-1-5-21-1125394485-807628933-54978560-777Somia
s-1-5-21-1125394485-807628933-54978560-500chang
s-1-5-21-1125394485-807628933-54978560-555Micah
```

From the above list identify the user account with System Administrator privileges.

A. John
B. Rebecca
C. Sheela
D. Shawn
E. Somia
F. Chang
G. Micah

Answer: F

NEW QUESTION 101
What is the purpose of a demilitarized zone on a network?

A. To scan all traffic coming through the DMZ to the internal network
B. To only provide direct access to the nodes within the DMZ and protect the network behind it
C. To provide a place to put the honeypot
D. To contain the network devices you wish to protect

Answer: B

NEW QUESTION 103
In this attack, a victim receives an e-mail claiming from PayPal stating that their account has been disabled and confirmation is required before activation. The attackers then scam to collect not one but two credit card numbers, ATM PIN number and other personal details. Ignorant users usually fall prey to this scam. Which of the following statement is incorrect related to this attack?

A. Do not reply to email messages or popup ads asking for personal or financial information
B. Do not trust telephone numbers in e-mails or popup ads
C. Review credit card and bank account statements regularly
D. Antivirus, anti-spyware, and firewall software can very easily detect these type of attacks
E. Do not send credit card numbers, and personal or financial information via e-mail

Answer: D

NEW QUESTION 104
Why would you consider sending an email to an address that you know does not exist within the company you are performing a Penetration Test for?

A. To determine who is the holder of the root account
B. To perform a DoS
C. To create needless SPAM
D. To illicit a response back that will reveal information about email servers and how they treat undeliverable mail
E. To test for virus protection

Answer: D

NEW QUESTION 108
You have the SOA presented below in your Zone.
Your secondary servers have not been able to contact your primary server to synchronize information. How long will the secondary servers attempt to contact the primary server before it considers that zone is dead and stops responding to queries?
collegae.edu.SOA, cikkye.edu ipad.college.edu. (200302028 3600 3600 604800 3600)

A. One day
B. One hour
C. One week
D. One month

Answer: C

NEW QUESTION 111
You have retrieved the raw hash values from a Windows 2000 Domain Controller. Using social engineering, you come to know that they are enforcing strong passwords. You understand that all users are required to use passwords that are at least 8 characters in length. All passwords must also use 3 of the 4 following categories: lower case letters, capital letters, numbers and special characters. With your existing knowledge of users, likely user account names and the possibility that they will choose the easiest passwords possible, what would be the fastest type of password cracking attack you can run against these hash values and still get results?

A. Online Attack
B. Dictionary Attack
C. Brute Force Attack
D. Hybrid Attack

Answer: D

NEW QUESTION 115
Which utility will tell you in real time which ports are listening or in another state?

A. Netstat
B. TCPView
C. Nmap
D. Loki

Answer: B

NEW QUESTION 117
Which of the following tools can be used for passive OS fingerprinting?

A. nmap
B. tcpdump
C. tracert
D. ping

Answer: B

NEW QUESTION 120
Todd has been asked by the security officer to purchase a counter-based authentication system. Which of the following best describes this type of system?

A. A biometric system that bases authentication decisions on behavioral attributes.
B. A biometric system that bases authentication decisions on physical attributes.

C. An authentication system that creates one-time passwords that are encrypted with secret keys.
D. An authentication system that uses passphrases that are converted into virtual passwords.

Answer: C

NEW QUESTION 125
Which of the following represents the initial two commands that an IRC client sends to join an IRC network?

A. USER, NICK
B. LOGIN, NICK
C. USER, PASS
D. LOGIN, USER

Answer: A

NEW QUESTION 130
What is the BEST alternative if you discover that a rootkit has been installed on one of your computers?

A. Copy the system files from a known good system
B. Perform a trap and trace
C. Delete the files and try to determine the source
D. Reload from a previous backup
E. Reload from known good media

Answer: E

NEW QUESTION 132
Fred is the network administrator for his company. Fred is testing an internal switch.
From an external IP address, Fred wants to try and trick this switch into thinking it already has established a session with his computer. How can Fred accomplish this?

A. Fred can accomplish this by sending an IP packet with the RST/SIN bit and the source address of his computer.
B. He can send an IP packet with the SYN bit and the source address of his computer.
C. Fred can send an IP packet with the ACK bit set to zero and the source address of the switch.
D. Fred can send an IP packet to the switch with the ACK bit and the source address of his machine.

Answer: D

NEW QUESTION 135
In the context of password security, a simple dictionary attack involves loading a dictionary file (a text file full of dictionary words) into a cracking application such as L0phtCrack or John the Ripper, and running it against user accounts located by the application. The larger the word and word fragment selection, the more effective the dictionary attack is. The brute force method is the most inclusive, although slow. It usually tries every possible letter and number combination in its automated exploration. If you would use both brute force and dictionary methods combined together to have variation of words, what would you call such an attack?

A. Full Blown
B. Thorough
C. Hybrid
D. BruteDics

Answer: C

NEW QUESTION 136
DHCP snooping is a great solution to prevent rogue DHCP servers on your network. Which security feature on switchers leverages the DHCP snooping database to help prevent man-in-the-middle attacks?

A. Spanning tree
B. Dynamic ARP Inspection (DAI)
C. Port security
D. Layer 2 Attack Prevention Protocol (LAPP)

Answer: B

NEW QUESTION 137
is a set of extensions to DNS that provide the origin authentication of DNS data to DNS clients (resolvers) so as to reduce the threat of DNS poisoning, spoofing, and similar types of attacks.

A. DNSSEC
B. Resource records
C. Resource transfer
D. Zone transfer

Answer: A

NEW QUESTION 141

A regional bank hires your company to perform a security assessment on their network after a recent data breach. The attacker was able to steal financial data from the bank by compromising only a single server. Based on this information, what should be one of your key recommendations to the bank?

A. Place a front-end web server in a demilitarized zone that only handles external web traffic
B. Require all employees to change their anti-virus program with a new one
C. Move the financial data to another server on the same IP subnet
D. Issue new certificates to the web servers from the root certificate authority

Answer: A

NEW QUESTION 143
What is the minimum number of network connections in a multihomed firewall?

A. 3
B. 5
C. 4
D. 2

Answer: A

NEW QUESTION 148
You are trying to break into a highly classified top-secret mainframe computer with highest security system in place at Merclyn Barley Bank located in Los Angeles.
You know that conventional hacking doesn't work in this case, because organizations such as banks are generally tight and secure when it comes to protecting their systems.
In other words, you are trying to penetrate an otherwise impenetrable system. How would you proceed?

A. Look for "zero-day" exploits at various underground hacker websites in Russia and China and buy the necessary exploits from these hackers and target the bank's network
B. Try to hang around the local pubs or restaurants near the bank, get talking to a poorly-paid or disgruntled employee, and offer them money if they'll abuse their access privileges by providing you with sensitive information
C. Launch DDOS attacks against Merclyn Barley Bank's routers and firewall systems using 100, 000 or more "zombies" and "bots"
D. Try to conduct Man-in-the-Middle (MiTM) attack and divert the network traffic going to the Merclyn Barley Bank's Webserver to that of your machine using DNS Cache Poisoning techniques

Answer: B

NEW QUESTION 153
The change of a hard drive failure is once every three years. The cost to buy a new hard drive is $300. It will require 10 hours to restore the OS and software to the new hard disk. It will require a further 4 hours to restore the database from the last backup to the new hard disk. The recovery person earns $10/hour. Calculate the SLE, ARO, and ALE. Assume the EF = 1(100%). What is the closest approximate cost of this replacement and recovery operation per year?

A. $1320
B. $440
C. $100
D. $146

Answer: D

NEW QUESTION 155
What is not a PCI compliance recommendation?

A. Use a firewall between the public network and the payment card data.
B. Use encryption to protect all transmission of card holder data over any public network.
C. Rotate employees handling credit card transactions on a yearly basis to different departments.
D. Limit access to card holder data to as few individuals as possible.

Answer: C

NEW QUESTION 159
What does the –oX flag do in an Nmap scan?

A. Perform an eXpress scan
B. Output the results in truncated format to the screen
C. Output the results in XML format to a file
D. Perform an Xmas scan

Answer: C

NEW QUESTION 161
A company's policy requires employees to perform file transfers using protocols which encrypt traffic. You suspect some employees are still performing file transfers using unencrypted protocols because the employees do not like changes. You have positioned a network sniffer to capture traffic from the laptops used by employees in the data ingest department. Using Wire shark to examine the captured traffic, which command can be used as a display filter to find unencrypted file transfers?

A. tcp.port != 21
B. tcp.port = 23
C. tcp.port ==21

D. tcp.port ==21 || tcp.port ==22

Answer: D

NEW QUESTION 162
A pen tester is configuring a Windows laptop for a test. In setting up Wireshark, what river and library are required to allow the NIC to work in promiscuous mode?

A. Libpcap
B. Awinpcap
C. Winprom
D. Winpcap

Answer: D

NEW QUESTION 167
You are attempting to crack LM Manager hashed from Windows 2000 SAM file. You will be using LM Brute force hacking tool for decryption. What encryption algorithm will you be decrypting?

A. MD4
B. DES
C. SHA
D. SSL

Answer: B

NEW QUESTION 170
If a token and 4-digit personal identification number (PIN) are used to access a computer system and the token performs off-line checking for the correct PIN, what type of attack is possible?

A. Birthday
B. Brute force
C. Man-in-the-middle
D. Smurf

Answer: B

NEW QUESTION 173
While using your bank’s online servicing you notice the following string in the URL bar:
“http: // www. MyPersonalBank. com/ account?id=368940911028389&Damount=10980&Camount=21”
You observe that if you modify the Damount & Camount values and submit the request, that data on the web page reflects the changes.
Which type of vulnerability is present on this site?

A. Cookie Tampering
B. SQL Injection
C. Web Parameter Tampering
D. XSS Reflection

Answer: C

NEW QUESTION 177
Which method of password cracking takes the most time and effort?

A. Dictionary attack
B. Shoulder surfing
C. Rainbow tables
D. Brute force

Answer: D

NEW QUESTION 178
What is the main security service a cryptographic hash provides?

A. Integrity and ease of computation
B. Message authentication and collision resistance
C. Integrity and collision resistance
D. Integrity and computational in-feasibility

Answer: D

NEW QUESTION 179
Which Intrusion Detection System is the best applicable for large environments where critical assets on the network need extra scrutiny and is ideal for observing sensitive network segments?

A. Honeypots
B. Firewalls

C. Network-based intrusion detection system (NIDS)
D. Host-based intrusion detection system (HIDS)

Answer: C

NEW QUESTION 183
Which of the following steps for risk assessment methodology refers to vulnerability identification?

A. Determines if any flaws exist in systems, policies, or procedures
B. Assigns values to risk probabilities; Impact values.
C. Determines risk probability that vulnerability will be exploited (Hig
D. Medium, Low)
E. Identifies sources of harm to an IT syste
F. (Natural, Huma
G. Environmental)

Answer: C

NEW QUESTION 185
The establishment of a TCP connection involves a negotiation called three-way handshake. What type of message does the client send to the server in order to begin this negotiation?

A. ACK
B. SYN
C. RST
D. SYN-ACK

Answer: B

NEW QUESTION 190
The tools which receive event logs from servers, network equipment, and applications, and perform analysis and correlation on those logs, and can generate alarms for security relevant issues, are known as what?

A. network Sniffer
B. Vulnerability Scanner
C. Intrusion prevention Server
D. Security incident and event Monitoring

Answer: D

NEW QUESTION 193
John the Ripper is a technical assessment tool used to test the weakness of which of the following?

A. Passwords
B. File permissions
C. Firewall rulesets
D. Usernames

Answer: A

NEW QUESTION 195
If a tester is attempting to ping a target that exists but receives no response or a response that states the destination is unreachable, ICMP may be disabled and the network may be using TCP. Which other option could the tester use to get a response from a host using TCP?

A. Traceroute
B. Hping
C. TCP ping
D. Broadcast ping

Answer: B

NEW QUESTION 197
What hacking attack is challenge/response authentication used to prevent?

A. Replay attacks
B. Scanning attacks
C. Session hijacking attacks
D. Password cracking attacks

Answer: A

NEW QUESTION 198
During a black-box pen test you attempt to pass IRC traffic over port 80/TCP from a compromised web enabled host. The traffic gets blocked; however, outbound HTTP traffic is unimpeded. What type of firewall is inspecting outbound traffic?

A. Circuit
B. Stateful
C. Application
D. Packet Filtering

Answer: B

NEW QUESTION 199
Why is a penetration test considered to be more thorough than vulnerability scan?

A. Vulnerability scans only do host discovery and port scanning by default.
B. A penetration test actively exploits vulnerabilities in the targeted infrastructure, while a vulnerability scan does not typically involve active exploitation.
C. It is not – a penetration test is often performed by an automated tool, while a vulnerability scan requires active engagement.
D. The tools used by penetration testers tend to have much more comprehensive vulnerability databases.

Answer: B

NEW QUESTION 204
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