312-50v11 Dumps

Certified Ethical Hacker Exam (CEH v11)

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NEW QUESTION 1
Study the following log extract and identify the attack.

```
12/26-07:06:22:31.167035 207.219.207.240:1882 -> 17216.1.106:80
TCP TTL:13  TTL:50 TOS:0x0 IP:53476 DFF
***AP*** Seq: 0x2BDC107 Ack: 0x1CB9F186 Win: 0x2238 TcpLen: 20
47 45 54 2D 2F 6D 73 61 64 63 2F 2E 2E C0 AF 2E  GET /msadc/.....
2E 2F 2E 2E C0 AF 2E 2E 2F 2E 2E C0 AF 2E 2E 2F  ./....../....../
77 69 6E 6E 74 2F 73 79 73 74 65 6D 33 32 2F 63  winnt/system32/c
6D 64 2E 65 78 65 3F 2F 63 2B 64 69 72 2B 63 3A  md.exe?/c+dir+c:
5C 20 48 54 54 50 2F 31 2E 31 0D 0A 41 63 63 65  \ HTTP/1.1..Acce
70 74 3A 2D 69 6D 61 67 65 2F 67 69 66 2C 20 69  pt: image/gif, i
6D 61 67 65 2F 78 2D 78 62 69 74 6D 61 70 2C 20  mage/x-xbitmap,
69 6D 61 67 65 2F 6A 70 65 67 2C 20 69 6D 61 67  image/jpeg, imag
65 2F 70 6A 70 65 67 2C 20 61 70 70 6C 69 63 61  e/pjpeg, applica
74 69 6F 6E 2F 76 6E 64 2E 6D 73 2D 65 78 63 65  tion/vnd.ms-exce
6C 2C 20 61 70 70 6C 69 63 61 74 69 6F 6E 2F 6D  l, application/m
73 77 6F 72 64 2C 20 61 70 70 6C 69 63 61 74 69  sword, applicati
6F 6E 2F 76 6E 64 2E 6D 73 2D 70 6F 77 65 72 70  on/vnd.ms-powerp
6F 69 6E 74 2C 20 2A 2F 2A 0D 0A 41 63 63 65 70  oint, */*..Accep
74 2D 4C 6C 6C 61 2F 34 2E 30 20 28 63 6F 6D 70  t-Lozilla/age: en-v
73 0D 0A 62 6C 65 3B 20 4D 53 49 45 20 35 2E 30  s..ble;pt-Encod0
6E 67 3A 57 69 6E 64 6F 77 73 20 39 35 29 0D 0A  ng:Windows 95)..1; Windo, deflat
65 0D 0A 55 73 65 72 2D 41 67 65 6E 74 3A 20 4D  e..User-Agent: M
6F 7A 69 6C 6C 61 2F 34 2E 30 20 28 63 6F 6D 70  ozilla/4.0 (comp
61 74 69 62 6C 65 3B 20 4D 53 49 45 20 35 2E 30  atible; MSIE 5.0
31 3B 20 57 69 6E 64 6F 77 73 20 39 35 29 0D 0A  1; Windows 95)..
48 6F 73 74 3A 20 6C 61 62 2E 77 69 72 65 74 72  Host: lib.bvxttr
69 70 2E 6E 65 74 0D 0A 43 6F 6E 6E 65 63 74 69  ip.org..Connecti
6F 6E 3A 20 4B 65 65 70 2D 41 6C 69 76 65 0D 0A  on: Keep-Alive..
43 6F 6F 6B 69 65 3A 20 41 53 50 53 45 53 53 49  Cookie: ASPSESSI
4F 4E 49 44 47 51 51 51 51 51 5A 55 3D 4B 4E 4F  ONIDGQQQQQZU=KNO
48 4D 4F 4A 41 4B 50 46 4F 50 48 4D 4C 41 50 4E  HMOJAKPFOPHMLAPN
49 46 49 46 42 0D 0A 0D 0A 41 50 4E 49 46 49 46  IFIFB....APNIFIF
42 0D 0A 0D 0A 42 00 00 00 00                    B....
```

A. Hexcode Attack
B. Cross Site Scripting
C. Multiple Domain Traversal Attack
D. Unicode Directory Traversal Attack

Answer: D

NEW QUESTION 2
You are analysing traffic on the network with Wireshark. You want to routinely run a cron job which will run the capture against a specific set of IPs - 192.168.8.0/24. What command you would use?

A. wireshark --fetch "192.168.8*"
B. wireshark --capture --local masked 192.168.8.0 ---range 24
C. tshark -net 192.255.255.255 mask 192.168.8.0
D. sudo tshark -f"net 192 .68.8.0/24"

Answer: D

NEW QUESTION 3
What does the following command in netcat do? nc -l -u -p55555 < /etc/passwd

A. logs the incoming connections to /etc/passwd file
B. loads the /etc/passwd file to the UDP port 55555
C. grabs the /etc/passwd file when connected to UDP port 55555
D. deletes the /etc/passwd file when connected to the UDP port 55555

Answer: C

NEW QUESTION 4
An Intrusion Detection System (IDS) has alerted the network administrator to a possibly malicious sequence of packets sent to a Web server in the network's external DMZ. The packet traffic was captured by the IDS and saved to a PCAP file. What type of network tool can be used to determine if these packets are genuinely malicious or simply a false positive?

A. Protocol analyzer
B. Network sniffer
C. Intrusion Prevention System (IPS)
D. Vulnerability scanner

Answer: A

NEW QUESTION 5

You are programming a buffer overflow exploit and you want to create a NOP sled of 200 bytes in the program exploit.c

```
char shellcode[] =
"\x31\xc0\xb0\x46\x31\xdb\x31\xc9\xcd\x80\xeb\x16\x5b\x31\xc0"
"\x88\x43\x07\x89\x5b\x08\x89\x43\x0c\xb0\x0b\x8d\x4b\x08\x8d"
"\x53\x0c\xcd\x80\xe8\xe5\xff\xff\xff\x2f\x62\x69\x6e\x2f\x73"
"\x68";
```

What is the hexadecimal value of NOP instruction?

A. 0x60
B. 0x80
C. 0x70
D. 0x90

Answer: D

NEW QUESTION 6

Which of the following is the structure designed to verify and authenticate the identity of individuals within the enterprise taking part in a data exchange?

A. SOA
B. biometrics
C. single sign on
D. PKI

Answer: D

NEW QUESTION 7

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 8

Which of the following tools can be used to perform a zone transfer?

A. NSLookup
B. Finger
C. Dig
D. Sam Spade
E. Host
F. Netcat
G. Neotrace

Answer: ACDE

NEW QUESTION 9

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 10

When discussing passwords, what is considered a brute force attack?

A. You attempt every single possibility until you exhaust all possible combinations or discover the password
B. You threaten to use the rubber hose on someone unless they reveal their password
C. You load a dictionary of words into your cracking program
D. You create hashes of a large number of words and compare it with the encrypted passwords
E. You wait until the password expires

Answer: A

NEW QUESTION 10
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 11
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 16
Joseph was the Web site administrator for the Mason Insurance in New York, who's main Web site was located at www.masonins.com. Joseph uses his laptop
computer regularly to administer the Web site. One night, Joseph received an urgent phone call from his friend, Smith. According to Smith, the main Mason
Insurance web site had been vandalized! All of its normal content was removed and replaced with an attacker's message "Hacker Message: You are dead!
Freaks!" From his office, which was directly connected to Mason Insurance's internal network, Joseph surfed to the Web site using his laptop. In his browser, the
Web site looked completely intact.
No changes were apparent. Joseph called a friend of his at his home to help troubleshoot the problem. The Web site appeared defaced when his friend visited
using his DSL connection. So, while Smith and his friend could see the defaced page, Joseph saw the intact Mason Insurance web site. To help make sense of
this problem, Joseph decided to access the Web site using hisdial-up ISP. He disconnected his laptop from the corporate internal network and used his modem to
dial up the same ISP used by Smith. After his modem connected, he quickly typed www.masonins.com in his browser to reveal the following web page:

H@cker Mess@ge:
YOu @re De@d! Fre@ks!

After seeing the defaced Web site, he disconnected his dial-up line, reconnected to the internal network, and used Secure Shell (SSH) to log in directly to the Web
server. He ran Tripwire against the entire Web site, and determined that every system file and all the Web content on the server were intact. How did the attacker
accomplish this hack?

A. ARP spoofing
B. SQL injection
C. DNS poisoning
D. Routing table injection

Answer: C

NEW QUESTION 20
Which of the following algorithms can be used to guarantee the integrity of messages being sent, in transit, or stored?

A. symmetric algorithms
B. asymmetric algorithms
C. hashing algorithms
D. integrity algorithms

Answer: C

NEW QUESTION 21
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 26
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 29
Which DNS resource record can indicate how long any "DNS poisoning" could last?

A. MX
B. SOA
C. NS
D. TIMEOUT

Answer: B

NEW QUESTION 30
Based on the following extract from the log of a compromised machine, what is the hacker really trying to steal?

A. har.txt
B. SAM file
C. wwwroot
D. Repair file

Answer: B

NEW QUESTION 32
Which of the following tools is used to detect wireless LANs using the 802.11a/b/g/n WLAN standards on a linux platform?

A. Kismet
B. Abel
C. Netstumbler
D. Nessus

Answer: A

NEW QUESTION 34
You are tasked to configure the DHCP server to lease the last 100 usable IP addresses in subnet to. 1.4.0/23. Which of the following IP addresses could be teased as a result of the new configuration?

A. 210.1.55.200
B. 10.1.4.254
C. 10..1.5.200
D. 10.1.4.156

Answer: C

NEW QUESTION 36
Log monitoring tools performing behavioral analysis have alerted several suspicious logins on a Linux server occurring during non-business hours. After further examination of all login activities, it is noticed that none of the logins have occurred during typical work hours. A Linux administrator who is investigating this problem realizes the system time on the Linux server is wrong by more than twelve hours. What protocol used on Linux servers to synchronize the time has stopped working?

A. Time Keeper
B. NTP
C. PPP
D. OSPP

Answer: B

NEW QUESTION 40
Elliot is in the process of exploiting a web application that uses SQL as a back-end database. He's determined that the application is vulnerable to SQL injection, and has introduced conditional timing delays into injected queries to determine whether they are successful. What type of SQL injection is Elliot most likely performing?

A. Error-based SQL injection
B. Blind SQL injection
C. Union-based SQL injection
D. NoSQL injection

Answer: B

NEW QUESTION 43
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 48
What type of analysis is performed when an attacker has partial knowledge of inner-workings of the application?

A. Black-box
B. Announced
C. White-box
D. Grey-box

Answer: D

NEW QUESTION 53
_____ is a tool that can hide processes from the process list, can hide files, registry entries, and intercept keystrokes.

A. Trojan
B. RootKit
C. DoS tool
D. Scanner
E. Backdoor

Answer: B

NEW QUESTION 57
Under what conditions does a secondary name server request a zone transfer from a primary name server?

A. When a primary SOA is higher that a secondary SOA
B. When a secondary SOA is higher that a primary SOA
C. When a primary name server has had its service restarted
D. When a secondary name server has had its service restarted
E. When the TTL falls to zero

Answer: A

NEW QUESTION 61
What tool can crack Windows SMB passwords simply by listening to network traffic?

A. This is not possible
B. Netbus
C. NTFSDOS
D. L0phtcrack

Answer: D

NEW QUESTION 64
One of your team members has asked you to analyze the following SOA record.
What is the TTL? Rutgers.edu.SOA NS1.Rutgers.edu ipad.college.edu (200302028 3600 3600 604800 2400.)

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

Answer: D

NEW QUESTION 66
How can you determine if an LM hash you extracted contains a password that is less than 8 characters long?

A. There is no way to tell because a hash cannot be reversed
B. The right most portion of the hash is always the same
C. The hash always starts with AB923D
D. The left most portion of the hash is always the same
E. A portion of the hash will be all 0's

Answer: B

NEW QUESTION 71
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 75
When analyzing the IDS logs, the system administrator noticed an alert was logged when the external router was accessed from the administrator's Computer to update the router configuration. What type of an alert is this?

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

Answer: D

NEW QUESTION 76
Which of the following statements about a zone transfer is correct? (Choose three.)

A. A zone transfer is accomplished with the DNS
B. A zone transfer is accomplished with the nslookup service
C. A zone transfer passes all zone information that a DNS server maintains
D. A zone transfer passes all zone information that a nslookup server maintains
E. A zone transfer can be prevented by blocking all inbound TCP port 53 connections
F. Zone transfers cannot occur on the Internet

Answer: ACE

NEW QUESTION 81
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 85
An attacker runs netcat tool to transfer a secret file between two hosts.

```
Machine A: netcat -l -p 1234 < secretfile
Machine B: netcat 192.168.3.4 > 1234
```

He is worried about information being sniffed on the network.
How would the attacker use netcat to encrypt the information before transmitting onto the wire?

A. Machine A: netcat -l -p -s password 1234 < testfileMachine B: netcat <machine A IP> 1234
B. Machine A: netcat -l -e magickey -p 1234 < testfileMachine B: netcat <machine A IP> 1234
C. Machine A: netcat -l -p 1234 < testfile -pw passwordMachine B: netcat <machine A IP> 1234 -pw password
D. Use cryptcat instead of netcat

Answer: D

NEW QUESTION 86
You are tasked to perform a penetration test. While you are performing information gathering, you find an employee list in Google. You find the receptionist's email, and you send her an email changing the source email to her boss's email (boss@company). In this email, you ask for a pdf with information. She reads your email and sends back a pdf with links. You exchange the pdf links with your malicious links (these links contain malware) and send back the modified pdf, saying that the links don't work. She reads your email, opens the links, and her machine gets infected. You now have access to the company network. What testing method did you use?

A. Social engineering
B. Piggybacking
C. Tailgating
D. Eavesdropping

Answer: A

NEW QUESTION 91
If you want to only scan fewer ports than the default scan using Nmap tool, which option would you use?

A. –r

B. –F
C. –P
D. –sP

Answer: B

NEW QUESTION 96
ViruXine.W32 virus hides their presence by changing the underlying executable code.
This Virus code mutates while keeping the original algorithm intact, the code changes itself each time it runs, but the function of the code (its semantics) will not change at all.
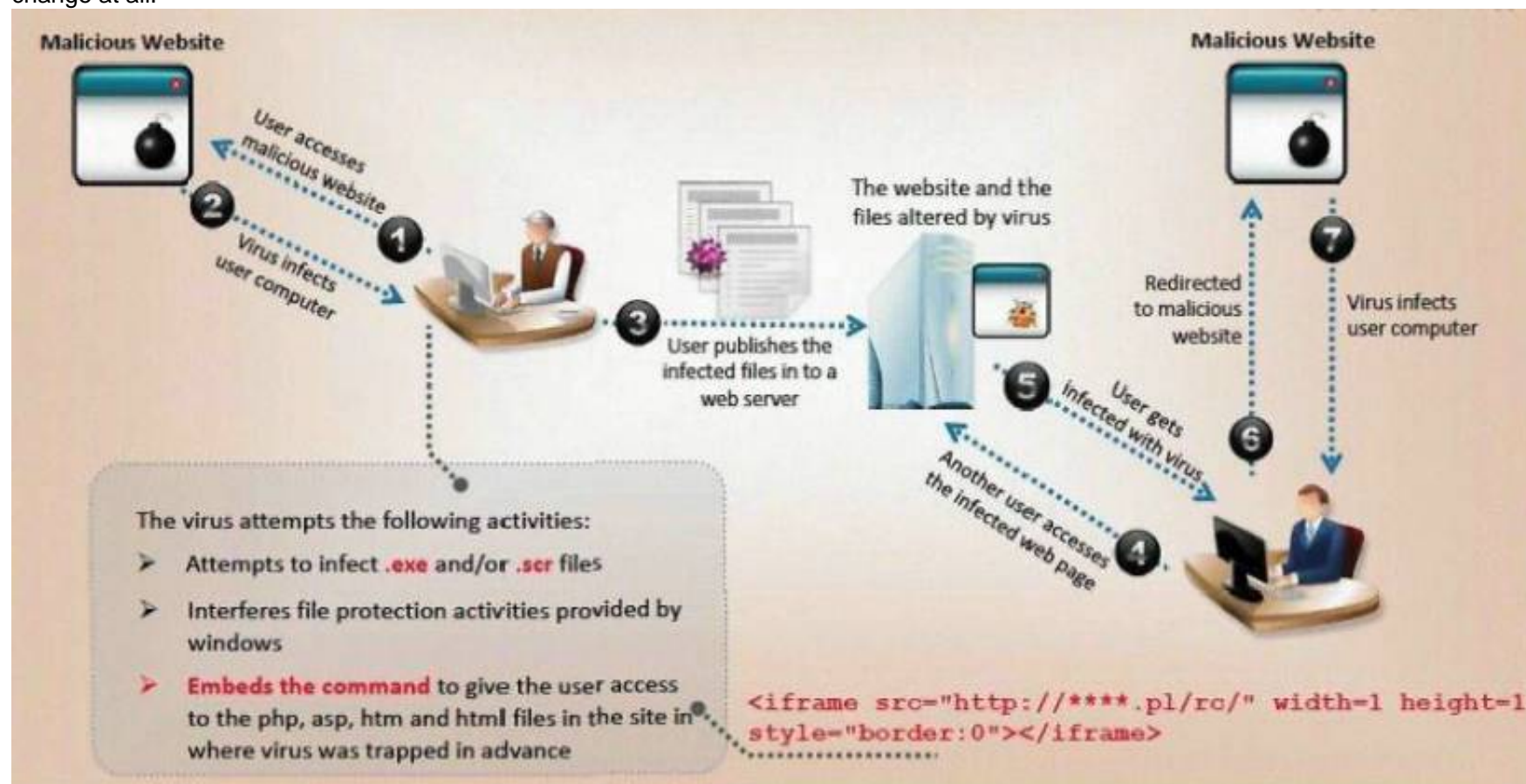
Here is a section of the Virus code:

1. lots of encrypted code
2. …
3. Decryption_Code:
4. C=C+1
5. A=Encrypted
6. Loop:
7. B=*A
8. C=3214*A
9. B=B XOR CryptoKey
10. *A=B
11. C=1
12. C=A+B
13. A=A+1
14. GOTO Loop IF NOT A=Decryption_Code
15. C=C^2
16. GOTO Encrypted
17. CryptoKey:
18. some_random_number

What is this technique called?

A. Polymorphic Virus
B. Metamorphic Virus
C. Dravidic Virus
D. Stealth Virus

Answer: A

NEW QUESTION 100
Study the snort rule given below:

```
alert tcp $EXTERNAL_NET any -> $HOME_NET 135
(msg: "NETBIOS DCERPC ISystemActivator bind attempt";
flow:to_server, established; content: "|05|"; distance: 0; within: 1;
content: "|ob|"; distance: 1; within: 1; byte_test: 1, &, 1, 0, relative;
content: "|A0 01 00 00 00 00 00 00 C0 00 00 00 00 00 00 46|";
distance: 29; within: 16; reference: cve, CAN-2003-0352;
classtype: attempted-admin; sid: 2192; rev: 1;)

alert tcp $EXTERNAL_NET any -> $HOME_NET 445 (msg: "NETBIOS SMB
DCERPC ISystemActivator bind attempt"; flow: to_server, established;
content: "|FF|SMB|25|"; nocase; offset:4, depth:5; content: "|26 00|";
nocase; distance:5; within: 12; content: "|05|"; distance:0; within:1;
content: "|ob|"; distance: 1; within: 1; byte_test: 1, &, 1, 0, relative;
content: "|A0 01 00 00 00 00 00 00 C0 00 00 00 00 00 00 46|";
distance: 29; within: 16; reference: cve, CAN-2003-0352;
classtype: attempted-admin; sid: 2193; rev: 1;)
```

From the options below, choose the exploit against which this rule applies.

A. WebDav
B. SQL Slammer
C. MS Blaster
D. MyDoom

Answer: C

NEW QUESTION 103
"........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 106
You need a tool that can do network intrusion prevention and intrusion detection, function as a network sniffer, and record network activity, what tool would you most likely select?

A. Nmap
B. Cain & Abel
C. Nessus
D. Snort

Answer: D

NEW QUESTION 111
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 114
What is one of the advantages of using both symmetric and asymmetric cryptography in SSL/TLS?

A. Supporting both types of algorithms allows less-powerful devices such as mobile phones to use symmetric encryption instead.
B. Symmetric algorithms such as AES provide a failsafe when asymmetric methods fail.
C. Symmetric encryption allows the server to security transmit the session keys out-of-band.
D. Asymmetric cryptography is computationally expensive in compariso
E. However, it is well-suited to securely negotiate keys for use with symmetric cryptography.

Answer: A

NEW QUESTION 118
User A is writing a sensitive email message to user B outside the local network. User A has chosen to use PKI to secure his message and ensure only user B can read the sensitive email. At what layer of the OSI layer does the encryption and decryption of the message take place?

A. Application
B. Transport
C. Session
D. Presentation
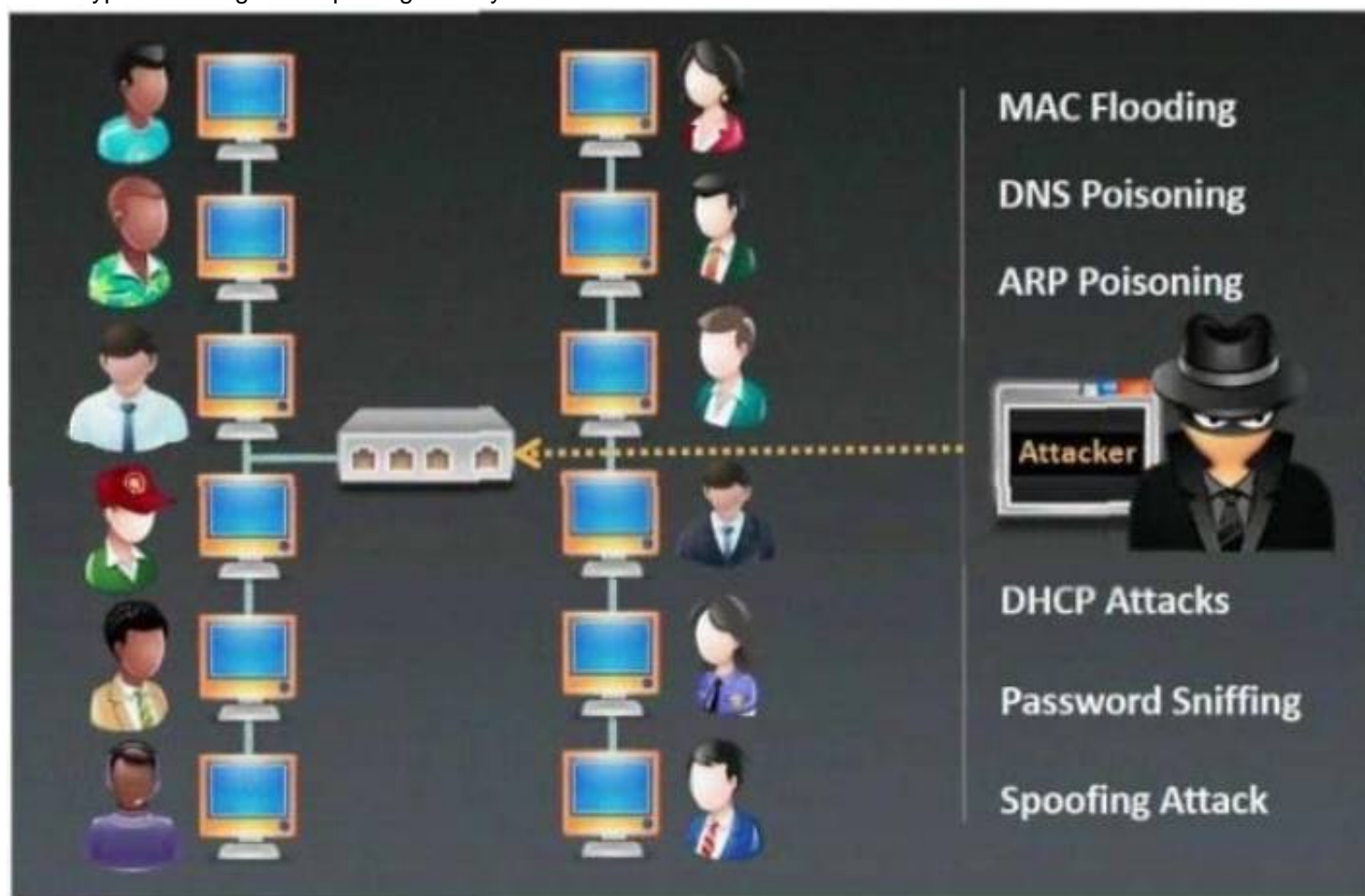
Answer: D

NEW QUESTION 122
A penetration tester is conducting a port scan on a specific host. The tester found several ports opened that were confusing in concluding the Operating System (OS) version installed. Considering that NMAP result below, which of the following is likely to be installed on the target machine by the OS? Starting NMAP 5.21 at 2011-03-15 11:06 NMAP scan report for 172.16.40.65 Host is up (1.00s latency). Not shown: 993 closed ports PORT STATE SERVICE 21/tcp open ftp 23/tcp open telnet 80/tcp open http 139/tcp open netbios-ssn 515/tcp open 631/tcp open ipp 9100/tcp open MAC Address: 00:00:48:0D:EE:8

A. The host is likely a Linux machine.
B. The host is likely a printer.
C. The host is likely a router.
D. The host is likely a Windows machine.

Answer: B

NEW QUESTION 123
Which type of sniffing technique is generally referred as MiTM attack?

A. Password Sniffing
B. ARP Poisoning
C. Mac Flooding
D. DHCP Sniffing

Answer: B

NEW QUESTION 125
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 130
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 131
Which system consists of a publicly available set of databases that contain domain name registration contact information?

A. WHOIS
B. CAPTCHA
C. IANA
D. IETF

Answer: A

NEW QUESTION 135
During an Xmas scan what indicates a port is closed?

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

Answer: B

NEW QUESTION 138
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 142
Eve is spending her day scanning the library computers. She notices that Alice is using a computer whose port 445 is active and listening. Eve uses the ENUM tool to enumerate Alice machine. From the command prompt, she types the following command.

```
For /f "tokens=1 %%a in (hackfile.txt) do net use *
\\10.1.2.3\c$ /user:"Administrator" %%a
```

What is Eve trying to do?

A. Eve is trying to connect as a user with Administrator privileges
B. Eve is trying to enumerate all users with Administrative privileges
C. Eve is trying to carry out a password crack for user Administrator
D. Eve is trying to escalate privilege of the null user to that of Administrator

Answer: C

NEW QUESTION 146
Bob is going to perform an active session hijack against Brownies Inc. He has found a target that allows session oriented connections (Telnet) and performs the sequence prediction on the target operating system. He manages to find an active session due to the high level of traffic on the network. What is Bob supposed to do next?

A. Take over the session
B. Reverse sequence prediction
C. Guess the sequence numbers
D. Take one of the parties offline

Answer: C

NEW QUESTION 149
The network team has well-established procedures to follow for creating new rules on the firewall. This includes having approval from a manager prior to implementing any new rules. While reviewing the firewall configuration, you notice a recently implemented rule but cannot locate manager approval for it. What would be a good step to have in the procedures for a situation like this?

A. Have the network team document the reason why the rule was implemented without prior manager approval.
B. Monitor all traffic using the firewall rule until a manager can approve it.
C. Do not roll back the firewall rule as the business may be relying upon it, but try to get manager approval as soon as possible.
D. Immediately roll back the firewall rule until a manager can approve it

Answer: D

NEW QUESTION 152
Which of the following is not a Bluetooth attack?

A. Bluedriving
B. Bluesmacking
C. Bluejacking
D. Bluesnarfing

Answer: A

NEW QUESTION 155
What is the role of test automation in security testing?

A. It is an option but it tends to be very expensive.
B. It should be used exclusivel
C. Manual testing is outdated because of low speed and possible test setup inconsistencies.
D. Test automation is not usable in security due to the complexity of the tests.
E. It can accelerate benchmark tests and repeat them with a consistent test setu
F. But it cannot replace manual testing completely.

Answer: D

NEW QUESTION 158
Bob, a system administrator at TPNQM SA, concluded one day that a DMZ is not needed if he properly configures the firewall to allow access just to servers/ports, which can have direct internet access, and block the access to workstations.
Bob also concluded that DMZ makes sense just when a stateful firewall is available, which is not the case of TPNQM SA.
In this context, what can you say?

A. Bob can be right since DMZ does not make sense when combined with stateless firewalls
B. Bob is partially righ
C. He does not need to separate networks if he can create rules by destination IPs, one by one
D. Bob is totally wron
E. DMZ is always relevant when the company has internet servers and workstations
F. Bob is partially righ
G. DMZ does not make sense when a stateless firewall is available

Answer: C

NEW QUESTION 161
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 162
As a Certified Ethical Hacker, you were contracted by a private firm to conduct an external security assessment through penetration testing.
What document describes the specifics of the testing, the associated violations, and essentially protects both the organization's interest and your liabilities as a tester?

A. Service Level Agreement
B. Project Scope
C. Rules of Engagement
D. Non-Disclosure Agreement

Answer: C

NEW QUESTION 167
A technician is resolving an issue where a computer is unable to connect to the Internet using a wireless access point. The computer is able to transfer files locally to other machines, but cannot successfully reach the Internet. When the technician examines the IP address and default gateway they are both on the 192.168.1.0/24. Which of the following has occurred?

A. The computer is not using a private IP address.
B. The gateway is not routing to a public IP address.
C. The gateway and the computer are not on the same network.
D. The computer is using an invalid IP address.

Answer: B

NEW QUESTION 169
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 174
To determine if a software program properly handles a wide range of invalid input, a form of automated testing can be used to randomly generate invalid input in an attempt to crash the program.
What term is commonly used when referring to this type of testing?

A. Randomizing
B. Bounding
C. Mutating
D. Fuzzing

Answer: D

NEW QUESTION 177
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 182
In the context of Windows Security, what is a 'null' user?

A. A user that has no skills
B. An account that has been suspended by the admin
C. A pseudo account that has no username and password
D. A pseudo account that was created for security administration purpose

Answer: C

NEW QUESTION 185
An attacker, using a rogue wireless AP, performed an MITM attack and injected an HTML code to embed a malicious applet in all HTTP connections.
When users accessed any page, the applet ran and exploited many machines. Which one of the following tools the hacker probably used to inject HTML code?

A. Wireshark
B. Ettercap
C. Aircrack-ng
D. Tcpdump

Answer: B

NEW QUESTION 186
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 191
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 195
Which type of security feature stops vehicles from crashing through the doors of a building?

A. Bollards
B. Receptionist
C. Mantrap
D. Turnstile

Answer: A

NEW QUESTION 198
Which command can be used to show the current TCP/IP connections?

A. Netsh
B. Netstat
C. Net use connection
D. Net use

Answer: A

NEW QUESTION 202
Eric has discovered a fantastic package of tools named Dsniff on the Internet. He has learnt to use these tools in his lab and is now ready for real world exploitation. He was able to effectively intercept communications between the two entities and establish credentials with both sides of the connections. The two remote ends of the communication never notice that Eric is relaying the information between the two. What would you call this attack?

A. Interceptor
B. Man-in-the-middle
C. ARP Proxy
D. Poisoning Attack

Answer: B

NEW QUESTION 204
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 208
This TCP flag instructs the sending system to transmit all buffered data immediately.

A. SYN
B. RST
C. PSH
D. URG
E. FIN

Answer: C

NEW QUESTION 211
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 212
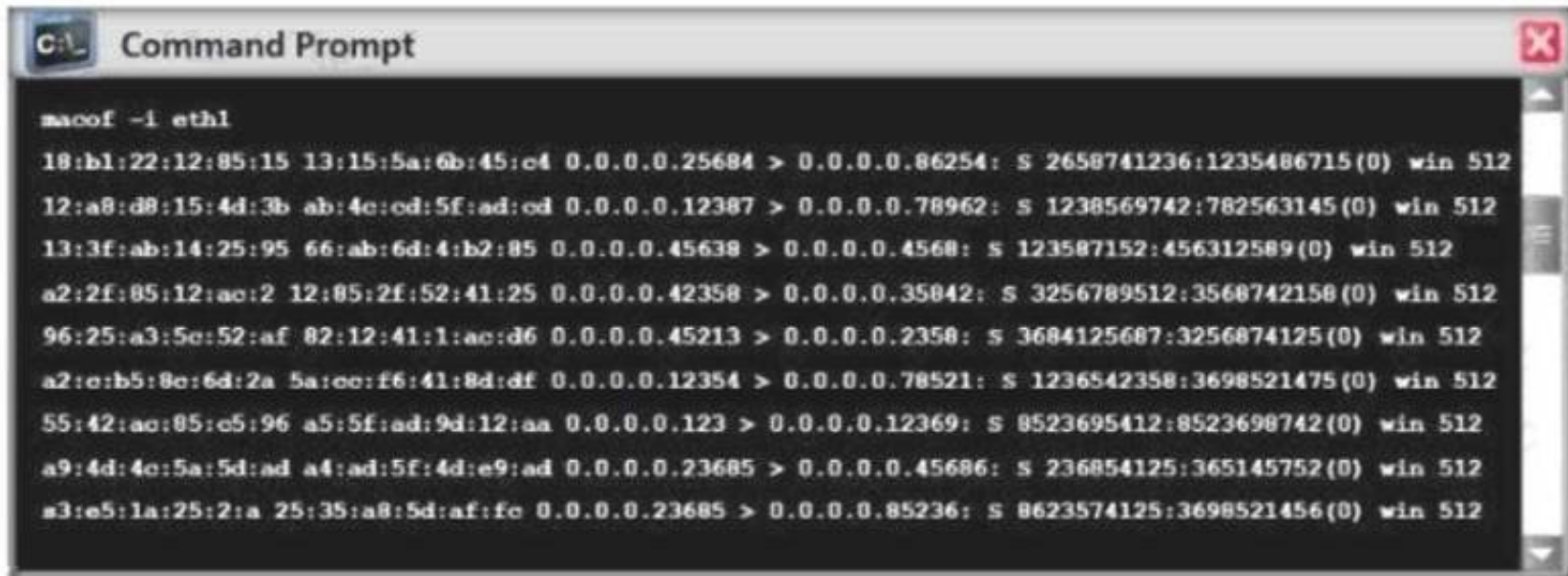Although FTP traffic is not encrypted by default, which layer 3 protocol would allow for end-to-end encryption of the connection?

A. SFTP
B. Ipsec
C. SSL
D. FTPS

Answer: B

NEW QUESTION 214
Switches maintain a CAM Table that maps individual MAC addresses on the network to physical ports on the switch.

In MAC flooding attack, a switch is fed with many Ethernet frames, each containing different source MAC addresses, by the attacker. Switches have a limited memory for mapping various MAC addresses to physical ports. What happens when the CAM table becomes full?

A. Switch then acts as hub by broadcasting packets to all machines on the network
B. The CAM overflow table will cause the switch to crash causing Denial of Service
C. The switch replaces outgoing frame switch factory default MAC address of FF:FF:FF:FF:FF:FF
D. Every packet is dropped and the switch sends out SNMP alerts to the IDS port

Answer: A

NEW QUESTION 217
What is the algorithm used by LM for Windows2000 SAM?

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

Answer: B

NEW QUESTION 219
What is the known plaintext attack used against DES which gives the result that encrypting plaintext with one DES key followed by encrypting it with a second DES key is no more secure than using a single key?

A. Man-in-the-middle attack
B. Meet-in-the-middle attack
C. Replay attack
D. Traffic analysis attack

Answer: B

NEW QUESTION 220
Some clients of TPNQM SA were redirected to a malicious site when they tried to access the TPNQM main site. Bob, a system administrator at TPNQM SA, found that they were victims of DNS Cache Poisoning. What should Bob recommend to deal with such a threat?

A. The use of security agents in clients' computers
B. The use of DNSSEC
C. The use of double-factor authentication
D. Client awareness

Answer: B

NEW QUESTION 224
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 229

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 230

What is one of the advantages of using both symmetric and asymmetric cryptography in SSL/TLS?

A. Symmetric algorithms such as AES provide a failsafe when asymmetric methods fail.
B. Asymmetric cryptography is computationally expensive in compariso
C. However, it is well-suited to securely negotiate keys for use with symmetric cryptography.
D. Symmetric encryption allows the server to securely transmit the session keys out-of-band.
E. Supporting both types of algorithms allows less-powerful devices such as mobile phones to use symmetric encryption instead.

Answer: D

NEW QUESTION 235

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 238

Take a look at the following attack on a Web Server using obstructed URL:

```
http://www.certifiedhacker.com/script.ext?
template=%2e%2e%2f%2e%2e%2f%2e%2e%2f%65%74%63%2f%70%61%73%73%77%64
This request is made up of:
%2e%2e%2f%2e%2e%2f%2e%2e%2f = ../ ../ ../
%65%74%63 = etc
%2f = /
%70%61%73%73%77%64 = passwd
```

How would you protect from these attacks?

A. Configure the Web Server to deny requests involving "hex encoded" characters
B. Create rules in IDS to alert on strange Unicode requests
C. Use SSL authentication on Web Servers
D. Enable Active Scripts Detection at the firewall and routers

Answer: B

NEW QUESTION 241

Which of the following are well known password-cracking programs?

A. L0phtcrack
B. NetCat
C. Jack the Ripper
D. Netbus
E. John the Ripper

Answer: AE

NEW QUESTION 242

The company ABC recently contracts a new accountant. The accountant will be working with the financial statements. Those financial statements need to be

approved by the CFO and then they will be sent to the accountant but the CFO is worried because he wants to be sure that the information sent to the accountant was not modified once he approved it. Which of the following options can be useful to ensure the integrity of the data?

A. The CFO can use a hash algorithm in the document once he approved the financial statements
B. The CFO can use an excel file with a password
C. The financial statements can be sent twice, one by email and the other delivered in USB and the accountant can compare both to be sure is the same document
D. The document can be sent to the accountant using an exclusive USB for that document

Answer: A

NEW QUESTION 244
Which results will be returned with the following Google search query? site:target.com – site:Marketing.target.com accounting

A. Results from matches on the site marketing.target.com that are in the domain target.com but do not include the word accounting.
B. Results matching all words in the query.
C. Results for matches on target.com and Marketing.target.com that include the word "accounting"
D. Results matching "accounting" in domain target.com but not on the site Marketing.target.com

Answer: D

NEW QUESTION 249
Which of the following tools are used for enumeration? (Choose three.)

A. SolarWinds
B. USER2SID
C. Cheops
D. SID2USER
E. DumpSec

Answer: BDE

NEW QUESTION 250
Why should the security analyst disable/remove unnecessary ISAPI filters?

A. To defend against social engineering attacks
B. To defend against webserver attacks
C. To defend against jailbreaking
D. To defend against wireless attacks

Answer: B

NEW QUESTION 253
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 254
What is the way to decide how a packet will move from an untrusted outside host to a protected inside that is behind a firewall, which permits the hacker to determine which ports are open and if the packets can pass through the packet-filtering of the firewall?

A. Session hijacking
B. Firewalking
C. Man-in-the middle attack
D. Network sniffing

Answer: B

NEW QUESTION 257
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 260
Which of the following tools performs comprehensive tests against web servers, including dangerous files and CGIs?

A. Nikto
B. John the Ripper
C. Dsniff
D. Snort

Answer: A

NEW QUESTION 265
As a securing consultant, what are some of the things you would recommend to a company to ensure DNS security?

A. Use the same machines for DNS and other applications
B. Harden DNS servers
C. Use split-horizon operation for DNS servers
D. Restrict Zone transfers
E. Have subnet diversity between DNS servers

Answer: BCDE

NEW QUESTION 266
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 271
These hackers have limited or no training and know how to use only basic techniques or tools. What kind of hackers are we talking about?

A. Black-Hat Hackers A
B. Script Kiddies
C. White-Hat Hackers
D. Gray-Hat Hacker

Answer: C

NEW QUESTION 272
Internet Protocol Security IPsec is actually a suite pf protocols. Each protocol within the suite provides different functionality. Collective IPsec does everything except.

A. Protect the payload and the headers
B. Encrypt
C. Work at the Data Link Layer
D. Authenticate

Answer: D

NEW QUESTION 274
The following is an entry captured by a network IDS. You are assigned the task of analyzing this entry. You notice the value 0x90, which is the most common NOOP instruction for the Intel processor. You figure that the attacker is attempting a buffer overflow attack.
You also notice "/bin/sh" in the ASCII part of the output. As an analyst what would you conclude about the attack?

```
45 00 01 ce 28 1e 40 00 32 06 96 92 d1 3a 18 09 86 9f 18 97  E..Î(.@.2...Ñ:......
06 38 02 03 6f 54 4f a9 01 af fe 78 50 18 7d 78 76 dd 00 00  .8..oTO®.¯þxP.\}
Application "Calculator" "%path:..\dtsapps\calc\dcalc.exe%" " " size 0.75in 0.25in 0.50in
0.05inxvÝ..
42 42 20 f7 ff bf 21 f7 ff bf 22 f7 ff bf 23 f7 ff bf 58 58  BB ÷ÿ¿!÷ÿ¿"÷ÿ¿#÷ÿ¿XX
58 58 58 58 58 58 58 58 58 58 58 58 58 58 58 58 25 2e 32 32  XXXXXXXXXXXXXXXX%.22
34 75 25 33 30 30 24 6e 25 2e 32 31 33 75 25 33 30 31 24 6e  4u%300$n%.213u%301$n
73 65 63 75 25 33 30 32 24 6e 25 2e 31 39 32 75 25 33 30 33  secu%302$n%.192u%303
24 6e 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90  $n..................
90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90  ....................
90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90  ....................
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90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90  ....................
90 90 31 db 31 c9 31 c0 b0 46 cd 80 89 e5 31 d2 b2 66 89 d0  ..1Û1É1À°FÍ..å1Ò²f.Ð
31 c9 89 cb 43 89 5d f8 43 89 5d f4 4b 89 4d fc 8d 4d f4 cd  1É.ËC.]øC.]ôK.Mü.MôÍ
80 31 c9 89 45 f4 43 66 89 5d ec 66 c7 45 ee 0f 27 89 4d f0  .1É.EôCf.]ìfÇEî.'.Mð
8d 45 ec 89 45 f8 c6 45 fc 10 89 d0 8d 4d f4 cd 80 89 d0 43  .Eì.EøÆEü..Ð.MôÍ..ÐC
43 cd 80 89 d0 43 cd 80 89 c3 31 c9 b2 3f 89 d0 cd 80 89 d0  CÍ..ÐCÍ..Ã1É²?.ÐÍ..Ð
41 cd 80 eb 18 5e 89 75 08 31 c0 88 46 07 89 45 0c b0 0b 89  AÍ.ë.^.u.1À.F..E.°..
f3 8d 4d 08 8d 55 0c cd 80 e8 e3 ff ff ff 2f 62 69 6e 2f 73  ó.M..U.Í.èãÿÿÿ/bin/s
68 0a                                                         h.
EVENT4: [NOOP:X86]  (tcp,dp=515,sp=1592)
```

A. The buffer overflow attack has been neutralized by the IDS
B. The attacker is creating a directory on the compromised machine
C. The attacker is attempting a buffer overflow attack and has succeeded
D. The attacker is attempting an exploit that launches a command-line shell

Answer: D

NEW QUESTION 278
Steve, a scientist who works in a governmental security agency, developed a technological solution to identify people based on walking patterns and implemented this approach to a physical control access.
A camera captures people walking and identifies the individuals using Steve's approach.
After that, people must approximate their RFID badges. Both the identifications are required to open the door. In this case, we can say:

A. Although the approach has two phases, it actually implements just one authentication factor
B. The solution implements the two authentication factors: physical object and physical characteristic
C. The solution will have a high level of false positives
D. Biological motion cannot be used to identify people

Answer: B

NEW QUESTION 282
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 287
What is the minimum number of network connections in a multihomed firewall?

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

Answer: A

NEW QUESTION 288
Which of the following is the best countermeasure to encrypting ransomwares?

A. Use multiple antivirus softwares
B. Pay a ransom
C. Keep some generation of off-line backup
D. Analyze the ransomware to get decryption key of encrypted data

Answer: C

NEW QUESTION 293

Which of the following is a low-tech way of gaining unauthorized access to systems?

A. Social Engineering
B. Eavesdropping
C. Scanning
D. Sniffing

Answer: A

NEW QUESTION 297
What does a firewall check to prevent particular ports and applications from getting packets into an organization?

A. Transport layer port numbers and application layer headers
B. Presentation layer headers and the session layer port numbers
C. Network layer headers and the session layer port numbers
D. Application layer port numbers and the transport layer headers

Answer: A

NEW QUESTION 301
During the process of encryption and decryption, what keys are shared? During the process of encryption and decryption, what keys are shared?

A. Private keys
B. User passwords
C. Public keys
D. Public and private keys

Answer: C

NEW QUESTION 306
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 307
Which of the following is a command line packet analyzer similar to GUI-based Wireshark?

A. nessus
B. tcpdump
C. ethereal
D. jack the ripper

Answer: B

NEW QUESTION 311
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 315
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 316
Which of the following LM hashes represent a password of less than 8 characters? (Choose two.)

A. BA810DBA98995F1817306D272A9441BB
B. 44EFCE164AB921CQAAD3B435B51404EE
C. 0182BD0BD4444BF836077A718CCDF409
D. CEC52EB9C8E3455DC2265B23734E0DAC
E. B757BF5C0D87772FAAD3B435B51404EE
F. E52CAC67419A9A224A3B108F3FA6CB6D

Answer: BE

NEW QUESTION 320
A user on your Windows 2000 network has discovered that he can use L0phtcrack to sniff the SMB exchanges which carry user logons. The user is plugged into a hub with 23 other systems.
However, he is unable to capture any logons though he knows that other users are logging in. What do you think is the most likely reason behind this?

A. There is a NIDS present on that segment.
B. Kerberos is preventing it.
C. Windows logons cannot be sniffed.
D. L0phtcrack only sniffs logons to web servers.

Answer: B

NEW QUESTION 325
Yancey is a network security administrator for a large electric company. This company provides power for over 100, 000 people in Las Vegas. Yancey has worked for his company for over 15 years and has become very successful. One day, Yancey comes in to work and finds out that the company will be downsizing and he will be out of a job in two weeks. Yancey is very angry and decides to place logic bombs, viruses, Trojans, and backdoors all over the network to take down the company once he has left. Yancey does not care if his actions land him in jail for 30 or more years, he just wants the company to pay for what they are doing to him.
What would Yancey be considered?

A. Yancey would be considered a Suicide Hacker
B. Since he does not care about going to jail, he would be considered a Black Hat
C. Because Yancey works for the company currently; he would be a White Hat
D. Yancey is a Hacktivist Hacker since he is standing up to a company that is downsizing

Answer: A

NEW QUESTION 327
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 330
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 331
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 336
What is the following command used for? net use \targetipc$ "" /u:""

A. Grabbing the etc/passwd file
B. Grabbing the SAM
C. Connecting to a Linux computer through Samba.

D. This command is used to connect as a null session
E. Enumeration of Cisco routers

Answer: D

NEW QUESTION 340
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 344
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 346
What term describes the amount of risk that remains after the vulnerabilities are classified and the countermeasures have been deployed?

A. Residual risk
B. Impact risk
C. Deferred risk
D. Inherent risk

Answer: A

NEW QUESTION 347
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 352
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