EC-Council

Exam Questions 312-49v10

Computer Hacking Forensic Investigator (CHFI-v10)

NEW QUESTION 1
- (Exam Topic 1)
Frank is working on a vulnerability assessment for a company on the West coast. The company hired Frank to assess its network security through scanning, pen tests, and vulnerability assessments. After discovering numerous known vulnerabilities detected by a temporary IDS he set up, he notices a number of items that show up as unknown but Questionable in the logs. He looks up the behavior on the Internet, but cannot find anything related. What organization should Frank submit the log to find out if it is a new vulnerability or not?

A. APIPA
B. IANA
C. CVE
D. RIPE

Answer: C

NEW QUESTION 2
- (Exam Topic 1)
An Employee is suspected of stealing proprietary information belonging to your company that he had no rights to possess. The information was stored on the Employees Computer that was protected with the NTFS Encrypted File System (EFS) and you had observed him copy the files to a floppy disk just before leaving work for the weekend. You detain the Employee before he leaves the building and recover the floppy disks and secure his computer. Will you be able to break the encryption so that you can verify that that the employee was in possession of the proprietary information?

A. EFS uses a 128-bit key that can't be cracked, so you will not be able to recover the information
B. When the encrypted file was copied to the floppy disk, it was automatically unencrypted, so you can recover the information.
C. The EFS Revoked Key Agent can be used on the Computer to recover the information
D. When the Encrypted file was copied to the floppy disk, the EFS private key was also copied to the floppy disk, so you can recover the information.

Answer: B

NEW QUESTION 3
- (Exam Topic 1)
While working for a prosecutor, what do you think you should do if the evidence you found appears to be exculpatory and is not being released to the defense?

A. Keep the information of file for later review
B. Destroy the evidence
C. Bring the information to the attention of the prosecutor, his or her supervisor or finally to the judge
D. Present the evidence to the defense attorney

Answer: C

NEW QUESTION 4
- (Exam Topic 1)
What operating system would respond to the following command?

A. Windows 95
B. FreeBSD
C. Windows XP
D. Mac OS X

Answer: B

NEW QUESTION 5
- (Exam Topic 1)
John is using Firewalk to test the security of his Cisco PIX firewall. He is also utilizing a sniffer located on a subnet that resides deep inside his network. After analyzing the sniffer log files, he does not see any of the traffic produced by Firewalk. Why is that?

A. Firewalk cannot pass through Cisco firewalls
B. Firewalk sets all packets with a TTL of zero
C. Firewalk cannot be detected by network sniffers
D. Firewalk sets all packets with a TTL of one

Answer: D

NEW QUESTION 6
- (Exam Topic 1)
Windows identifies which application to open a file with by examining which of the following?

A. The File extension
B. The file attributes
C. The file Signature at the end of the file
D. The file signature at the beginning of the file

Answer: A

NEW QUESTION 7
- (Exam Topic 1)

After passing her CEH exam, Carol wants to ensure that her network is completely secure. She implements a DMZ, stateful firewall, NAT, IPSEC, and a packet filtering firewall. Since all security measures were taken, none of the hosts on her network can reach the Internet. Why is that?

A. Stateful firewalls do not work with packet filtering firewalls
B. NAT does not work with stateful firewalls
C. IPSEC does not work with packet filtering firewalls
D. NAT does not work with IPSEC

Answer: D

NEW QUESTION 8
- (Exam Topic 1)
A suspect is accused of violating the acceptable use of computing resources, as he has visited adult websites and downloaded images. The investigator wants to demonstrate that the suspect did indeed visit these sites. However, the suspect has cleared the search history and emptied the cookie cache. Moreover, he has removed any images he might have downloaded. What can the investigator do to prove the violation?

A. Image the disk and try to recover deleted files
B. Seek the help of co-workers who are eye-witnesses
C. Check the Windows registry for connection data (you may or may not recover)
D. Approach the websites for evidence

Answer: A

NEW QUESTION 9
- (Exam Topic 1)
You have completed a forensic investigation case. You would like to destroy the data contained in various disks at the forensics lab due to sensitivity of the case. How would you permanently erase the data on the hard disk?

A. Throw the hard disk into the fire
B. Run the powerful magnets over the hard disk
C. Format the hard disk multiple times using a low level disk utility
D. Overwrite the contents of the hard disk with Junk data

Answer: A

NEW QUESTION 10
- (Exam Topic 1)
What type of attack occurs when an attacker can force a router to stop forwarding packets by flooding the router with many open connections simultaneously so that all the hosts behind the router are effectively disabled?

A. digital attack
B. denial of service
C. physical attack
D. ARP redirect

Answer: B

NEW QUESTION 10
- (Exam Topic 1)
The objective of this act was to protect consumers' personal financial information held by financial institutions and their service providers.

A. Gramm-Leach-Bliley Act
B. Sarbanes-Oxley 2002
C. California SB 1386
D. HIPAA

Answer: A

NEW QUESTION 14
- (Exam Topic 1)
Terri works for a security consulting firm that is currently performing a penetration test on First National Bank in Tokyo. Terri's duties include bypassing firewalls and switches to gain access to the network. Terri sends an IP packet to one of the company's switches with ACK bit and the source address of her machine set. What is Terri trying to accomplish by sending this IP packet?

A. Trick the switch into thinking it already has a session with Terri's computer
B. Poison the switch's MAC address table by flooding it with ACK bits
C. Crash the switch with a DoS attack since switches cannot send ACK bits
D. Enable tunneling feature on the switch

Answer: A

NEW QUESTION 19
- (Exam Topic 1)
You are working as an independent computer forensics investigator and received a call from a systems administrator for a local school system requesting your assistance. One of the students at the local high school is suspected of downloading inappropriate images from the Internet to a PC in the Computer lab. When you arrive at the school, the systems administrator hands you a hard drive and tells you that he made a "simple backup copy" of the hard drive in the PC and put it on this drive and requests that you examine that drive for evidence of the suspected images. You inform him that a "simple backup copy" will not provide deleted

files or recover file fragments.
What type of copy do you need to make to ensure that the evidence found is complete and admissible in future proceeding?

A. Bit-stream Copy
B. Robust Copy
C. Full backup Copy
D. Incremental Backup Copy

Answer: C

NEW QUESTION 20
- (Exam Topic 1)
Michael works for Kimball Construction Company as senior security analyst. As part of yearly security audit, Michael scans his network for vulnerabilities. Using Nmap, Michael conducts XMAS scan and most of the ports scanned do not give a response. In what state are these ports?

A. Closed
B. Open
C. Stealth
D. Filtered

Answer: B

NEW QUESTION 22
- (Exam Topic 1)
When cataloging digital evidence, the primary goal is to

A. Make bit-stream images of all hard drives
B. Preserve evidence integrity
C. Not remove the evidence from the scene
D. Not allow the computer to be turned off

Answer: B

NEW QUESTION 23
- (Exam Topic 1)
When setting up a wireless network with multiple access points, why is it important to set each access point on a different channel?

A. Multiple access points can be set up on the same channel without any issues
B. Avoid over-saturation of wireless signals
C. So that the access points will work on different frequencies
D. Avoid cross talk

Answer: D

NEW QUESTION 28
- (Exam Topic 2)
Preparing an image drive to copy files to is the first step in Linux forensics. For this purpose, what would the following command accomplish?
dcfldd if=/dev/zero of=/dev/hda bs=4096 conv=noerror, sync

A. Fill the disk with zeros
B. Low-level format
C. Fill the disk with 4096 zeros
D. Copy files from the master disk to the slave disk on the secondary IDE controller

Answer: A

NEW QUESTION 31
- (Exam Topic 2)
What technique is used by JPEGs for compression?

A. ZIP
B. TCD
C. DCT
D. TIFF-8

Answer: C

NEW QUESTION 35
- (Exam Topic 2)
What is considered a grant of a property right given to an individual who discovers or invents a new machine, process, useful composition of matter or manufacture?

A. Copyright
B. Design patent
C. Trademark
D. Utility patent

Answer: D

NEW QUESTION 39
- (Exam Topic 2)
Steven has been given the task of designing a computer forensics lab for the company he works for. He has found documentation on all aspects of how to design a lab except the number of exits needed. How many exits should Steven include in his design for the computer forensics lab?

A. Three
B. One
C. Two
D. Four

Answer: B

NEW QUESTION 44
- (Exam Topic 2)
Amber, a black hat hacker, has embedded a malware into a small enticing advertisement and posted it on a popular ad-network that displays across various websites. What is she doing?

A. Click-jacking
B. Compromising a legitimate site
C. Spearphishing
D. Malvertising

Answer: D

NEW QUESTION 46
- (Exam Topic 1)
From the following spam mail header, identify the host IP that sent this spam? From jie02@netvigator.com jie02@netvigator.com Tue Nov 27 17:27:11 2001
Received: from viruswall.ie.cuhk.edu.hk (viruswall [137.189.96.52]) by eng.ie.cuhk.edu.hk (8.11.6/8.11.6) with ESMTP id
fAR9RAP23061 for ; Tue, 27 Nov 2001 17:27:10 +0800 (HKT)
Received: from mydomain.com (pcd249020.netvigator.com [203.218.39.20]) by viruswall.ie.cuhk.edu.hk (8.12.1/8.12.1)
with SMTP id fAR9QXwZ018431 for ; Tue, 27 Nov 2001 17:26:36 +0800 (HKT)
Message-Id: >200111270926.fAR9QXwZ018431@viruswall.ie.cuhk.edu.hk From: "china hotel web"
To: "Shlam"
Subject: SHANGHAI (HILTON HOTEL) PACKAGE
Date: Tue, 27 Nov 2001 17:25:58 +0800 MIME-Version: 1.0
X- Priority: 3 X-MSMail- Priority: Normal
Reply-To: "china hotel web"

A. 137.189.96.52
B. 8.12.1.0
C. 203.218.39.20
D. 203.218.39.50

Answer: C

NEW QUESTION 51
- (Exam Topic 2)
Which network attack is described by the following statement?
“At least five Russian major banks came under a continuous hacker attack, although online client services were not disrupted. The attack came from a wide-scale botnet involving at least 24,000 computers, located in 30 countries.”

A. DDoS
B. Sniffer Attack
C. Buffer Overflow
D. Man-in-the-Middle Attack

Answer: A

NEW QUESTION 53
- (Exam Topic 2)
Which of the following is a record of the characteristics of a file system, including its size, the block size, the empty and the filled blocks and their respective counts, the size and location of the inode tables, the disk block map and usage information, and the size of the block groups?

A. Inode bitmap block
B. Superblock
C. Block bitmap block
D. Data block

Answer: B

NEW QUESTION 57
- (Exam Topic 1)
You are assisting in the investigation of a possible Web Server Hack. The company who called you stated that customers reported to them that whenever they entered the web address of the company in their browser, what they received was a porno graphic web site. The company checked the web server and nothing appears wrong. When you type in the IP address of the web site in your browser everything appears normal. What is the name of the attack that affects the DNS

cache of the name resolution servers, resulting in those servers directing users to the wrong web site?

A. ARP Poisoning
B. DNS Poisoning
C. HTTP redirect attack
D. IP Spoofing

Answer: B

NEW QUESTION 62
- (Exam Topic 1)
Lance wants to place a honeypot on his network. Which of the following would be your recommendations?

A. Use a system that has a dynamic addressing on the network
B. Use a system that is not directly interacting with the router
C. Use it on a system in an external DMZ in front of the firewall
D. It doesn't matter as all replies are faked

Answer: D

NEW QUESTION 66
- (Exam Topic 1)
After undergoing an external IT audit, George realizes his network is vulnerable to DDoS attacks. What countermeasures could he take to prevent DDoS attacks?

A. Enable direct broadcasts
B. Disable direct broadcasts
C. Disable BGP
D. Enable BGP

Answer: B

NEW QUESTION 71
- (Exam Topic 1)
You are working for a large clothing manufacturer as a computer forensics investigator and are called in to investigate an unusual case of an employee possibly stealing clothing designs from the company and selling them under a different brand name for a different company. What you discover during the course of the investigation is that the clothing designs are actually original products of the employee and the company has no policy against an employee selling his own designs on his own time. The only thing that you can find that the employee is doing wrong is that his clothing design incorporates the same graphic symbol as that of the company with only the wording in the graphic being different. What area of the law is the employee violating?

A. trademark law
B. copyright law
C. printright law
D. brandmark law

Answer: A

NEW QUESTION 75
- (Exam Topic 1)
What will the following command accomplish?

A. Test ability of a router to handle over-sized packets
B. Test the ability of a router to handle under-sized packets
C. Test the ability of a WLAN to handle fragmented packets
D. Test the ability of a router to handle fragmented packets

Answer: A

NEW QUESTION 78
- (Exam Topic 1)
What term is used to describe a cryptographic technique for embedding information into something else for the sole purpose of hiding that information from the casual observer?

A. rootkit
B. key escrow
C. steganography
D. Offset

Answer: C

NEW QUESTION 82
- (Exam Topic 1)
When investigating a network that uses DHCP to assign IP addresses, where would you look to determine which system (MAC address) had a specific IP address at a specific time?

A. on the individual computer's ARP cache
B. in the Web Server log files
C. in the DHCP Server log files

D. there is no way to determine the specific IP address

Answer: C

NEW QUESTION 85
- (Exam Topic 1)
The use of warning banners helps a company avoid litigation by overcoming an employee assumed _____. When connecting to the company's intranet, network or Virtual Private Network(VPN) and will allow the company's investigators to monitor, search and retrieve information stored within the network.

A. Right to work
B. Right of free speech
C. Right to Internet Access
D. Right of Privacy

Answer: D

NEW QUESTION 90
- (Exam Topic 1)
What information do you need to recover when searching a victim’s computer for a crime committed with specific e-mail message?

A. Internet service provider information
B. E-mail header
C. Username and password
D. Firewall log

Answer: B

NEW QUESTION 91
- (Exam Topic 1)
Under which Federal Statutes does FBI investigate for computer crimes involving e-mail scams and mail fraud?

A. 18 U.S.
B. 1029 Possession of Access Devices
C. 18 U.S.
D. 1030 Fraud and related activity in connection with computers
E. 18 U.S.
F. 1343 Fraud by wire, radio or television
G. 18 U.S.
H. 1361 Injury to Government Property
I. 18 U.S.
J. 1362 Government communication systems
K. 18 U.S.
L. 1831 Economic Espionage Act
M. 18 U.S.
N. 1832 Trade Secrets Act

Answer: B

NEW QUESTION 93
- (Exam Topic 1)
Printing under a Windows Computer normally requires which one of the following files types to be created?

A. EME
B. MEM
C. EMF
D. CME

Answer: C

NEW QUESTION 95
- (Exam Topic 1)
Which part of the Windows Registry contains the user's password file?

A. HKEY_LOCAL_MACHINE
B. HKEY_CURRENT_CONFIGURATION
C. HKEY_USER
D. HKEY_CURRENT_USER

Answer: A

NEW QUESTION 99
- (Exam Topic 1)
You are assisting a Department of Defense contract company to become compliant with the stringent security policies set by the DoD. One such strict rule is that firewalls must only allow incoming connections that were first initiated by internal computers. What type of firewall must you implement to abide by this policy?

A. Packet filtering firewall
B. Circuit-level proxy firewall

C. Application-level proxy firewall
D. Stateful firewall

Answer: D

NEW QUESTION 103
- (Exam Topic 1)
What should you do when approached by a reporter about a case that you are working on or have worked on?

A. Refer the reporter to the attorney that retained you
B. Say, "no comment"
C. Answer all the reporter's questions as completely as possible
D. Answer only the questions that help your case

Answer: A

NEW QUESTION 105
- (Exam Topic 1)
If a suspect computer is located in an area that may have toxic chemicals, you must:

A. coordinate with the HAZMAT team
B. determine a way to obtain the suspect computer
C. assume the suspect machine is contaminated
D. do not enter alone

Answer: A

NEW QUESTION 107
- (Exam Topic 1)
Item 2If you come across a sheepdip machine at your client site, what would you infer?

A. A sheepdip coordinates several honeypots
B. A sheepdip computer is another name for a honeypot
C. A sheepdip computer is used only for virus-checking.
D. A sheepdip computer defers a denial of service attack

Answer: C

NEW QUESTION 111
- (Exam Topic 1)
When conducting computer forensic analysis, you must guard against So that you remain focused on the primary job and insure that the level of work does not increase beyond what was originally expected.

A. Hard Drive Failure
B. Scope Creep
C. Unauthorized expenses
D. Overzealous marketing

Answer: B

NEW QUESTION 114
- (Exam Topic 1)
What method of computer forensics will allow you to trace all ever-established user accounts on a Windows 2000 sever the course of its lifetime?

A. forensic duplication of hard drive
B. analysis of volatile data
C. comparison of MD5 checksums
D. review of SIDs in the Registry

Answer: C

NEW QUESTION 118
- (Exam Topic 1)
In the context of file deletion process, which of the following statement holds true?

A. When files are deleted, the data is overwritten and the cluster marked as available
B. The longer a disk is in use, the less likely it is that deleted files will be overwritten
C. While booting, the machine may create temporary files that can delete evidence
D. Secure delete programs work by completely overwriting the file in one go

Answer: C

NEW QUESTION 123
- (Exam Topic 1)
You should make at least how many bit-stream copies of a suspect drive?

A. 1
B. 2
C. 3
D. 4

Answer: B

NEW QUESTION 125
- (Exam Topic 1)
Jessica works as systems administrator for a large electronics firm. She wants to scan her network quickly to detect live hosts by using ICMP ECHO Requests. What type of scan is Jessica going to perform?

A. Tracert
B. Smurf scan
C. Ping trace
D. ICMP ping sweep

Answer: D

NEW QUESTION 129
- (Exam Topic 1)
_____ is simply the application of Computer Investigation and analysis techniques in the interests of determining potential legal evidence.

A. Network Forensics
B. Computer Forensics
C. Incident Response
D. Event Reaction

Answer: B

NEW QUESTION 132
- (Exam Topic 1)
When investigating a potential e-mail crime, what is your first step in the investigation?

A. Trace the IP address to its origin
B. Write a report
C. Determine whether a crime was actually committed
D. Recover the evidence

Answer: A

NEW QUESTION 133
- (Exam Topic 1)
Julia is a senior security analyst for Berber Consulting group. She is currently working on a contract for a small accounting firm in Florid a. They have given her permission to perform social engineering attacks on the company to see if their in-house training did any good. Julia calls the main number for the accounting firm and talks to the receptionist. Julia says that she is an IT technician from the company's main office in Iowa. She states that she needs the receptionist's network username and password to troubleshoot a problem they are having. Julia says that Bill Hammond, the CEO of the company, requested this information. After hearing the name of the CEO, the receptionist gave Julia all the information she asked for. What principal of social engineering did Julia use?

A. Social Validation
B. Scarcity
C. Friendship/Liking
D. Reciprocation

Answer: D

NEW QUESTION 137
- (Exam Topic 1)
Office Documents (Word, Excel and PowerPoint) contain a code that allows tracking the MAC or unique identifier of the machine that created the document. What is that code called?

A. Globally unique ID
B. Microsoft Virtual Machine Identifier
C. Personal Application Protocol
D. Individual ASCII string

Answer: A

NEW QUESTION 142
- (Exam Topic 1)
Why are Linux/Unix based computers better to use than Windows computers for idle scanning?

A. Linux/Unix computers are easier to compromise
B. Linux/Unix computers are constantly talking
C. Windows computers are constantly talking
D. Windows computers will not respond to idle scans

Answer: C

NEW QUESTION 145
- (Exam Topic 1)
In what way do the procedures for dealing with evidence in a criminal case differ from the procedures for dealing with evidence in a civil case?

A. evidence must be handled in the same way regardless of the type of case
B. evidence procedures are not important unless you work for a law enforcement agency
C. evidence in a criminal case must be secured more tightly than in a civil case
D. evidence in a civil case must be secured more tightly than in a criminal case

Answer: C

NEW QUESTION 149
- (Exam Topic 1)
Harold is a security analyst who has just run the rdisk /s command to grab the backup SAM files on a computer. Where should Harold navigate on the computer to find the file?

A. %systemroot%\system32\LSA
B. %systemroot%\system32\drivers\etc
C. %systemroot%\repair
D. %systemroot%\LSA

Answer: C

NEW QUESTION 150
- (Exam Topic 1)
Harold wants to set up a firewall on his network but is not sure which one would be the most appropriate. He knows he needs to allow FTP traffic to one of the servers on his network, but he wants to only allow
FTP-PUT. Which firewall would be most appropriate for Harold? needs?

A. Circuit-level proxy firewall
B. Packet filtering firewall
C. Application-level proxy firewall
D. Data link layer firewall

Answer: C

NEW QUESTION 152
- (Exam Topic 1)
When a file is deleted by Windows Explorer or through the MS-DOS delete command, the operating system inserts in the first letter position of the filename in the FAT database.

A. A Capital X
B. A Blank Space
C. The Underscore Symbol
D. The lowercase Greek Letter Sigma (s)

Answer: D

NEW QUESTION 154
- (Exam Topic 1)
E- mail logs contain which of the following information to help you in your investigation? (Choose four.)

A. user account that was used to send the account
B. attachments sent with the e-mail message
C. unique message identifier
D. contents of the e-mail message
E. date and time the message was sent

Answer: ACDE

NEW QUESTION 155
- (Exam Topic 1)
Why should you note all cable connections for a computer you want to seize as evidence?

A. to know what outside connections existed
B. in case other devices were connected
C. to know what peripheral devices exist
D. to know what hardware existed

Answer: A

NEW QUESTION 159
- (Exam Topic 1)

Profiling is a forensics technique for analyzing evidence with the goal of identifying the perpetrator from their various activity. After a computer has been compromised by a hacker, which of the following would be most important in forming a profile of the incident?

A. The manufacturer of the system compromised
B. The logic, formatting and elegance of the code used in the attack
C. The nature of the attack
D. The vulnerability exploited in the incident

Answer: B

NEW QUESTION 160
- (Exam Topic 1)
You are using DriveSpy, a forensic tool and want to copy 150 sectors where the starting sector is 1709 on the primary hard drive. Which of the following formats correctly specifies these sectors?

A. 0:1000, 150
B. 0:1709, 150
C. 1:1709, 150
D. 0:1709-1858

Answer: B

NEW QUESTION 165
- (Exam Topic 1)
The efforts to obtain information before a trail by demanding documents, depositions, questioned and answers written under oath, written requests for admissions of fact and examination of the scene is a description of what legal term?

A. Detection
B. Hearsay
C. Spoliation
D. Discovery

Answer: D

NEW QUESTION 166
- (Exam Topic 1)
With Regard to using an Antivirus scanner during a computer forensics investigation, You should:

A. Scan the suspect hard drive before beginning an investigation
B. Never run a scan on your forensics workstation because it could change your systems configuration
C. Scan your forensics workstation at intervals of no more than once every five minutes during an investigation
D. Scan your Forensics workstation before beginning an investigation

Answer: D

NEW QUESTION 168
- (Exam Topic 1)
You are working as an investigator for a corporation and you have just received instructions from your manager to assist in the collection of 15 hard drives that are part of an ongoing investigation.
Your job is to complete the required evidence custody forms to properly document each piece of evidence as it is collected by other members of your team. Your manager instructs you to complete one multi-evidence form for the entire case and a single-evidence form for each hard drive. How will these forms be stored to help preserve the chain of custody of the case?

A. All forms should be placed in an approved secure container because they are now primary evidence in the case.
B. The multi-evidence form should be placed in the report file and the single-evidence forms should be kept with each hard drive in an approved secure container.
C. The multi-evidence form should be placed in an approved secure container with the hard drives and the single-evidence forms should be placed in the report file.
D. All forms should be placed in the report file because they are now primary evidence in the case.

Answer: B

NEW QUESTION 173
- (Exam Topic 1)
Which of the following should a computer forensics lab used for investigations have?

A. isolation
B. restricted access
C. open access
D. an entry log

Answer: B

NEW QUESTION 175
- (Exam Topic 1)
How many bits is Source Port Number in TCP Header packet?

A. 16

B. 32
C. 48
D. 64

Answer: A

NEW QUESTION 179
- (Exam Topic 1)
The MD5 program is used to:

A. wipe magnetic media before recycling it
B. make directories on an evidence disk
C. view graphics files on an evidence drive
D. verify that a disk is not altered when you examine it

Answer: D

NEW QUESTION 184
- (Exam Topic 1)
To make sure the evidence you recover and analyze with computer forensics software can be admitted in court, you must test and validate the software. What group is actively providing tools and creating procedures for testing and validating computer forensics software?

A. Computer Forensics Tools and Validation Committee (CFTVC)
B. Association of Computer Forensics Software Manufactures (ACFSM)
C. National Institute of Standards and Technology (NIST)
D. Society for Valid Forensics Tools and Testing (SVFTT)

Answer: C

NEW QUESTION 187
- (Exam Topic 1)
A(n) is one that's performed by a computer program rather than the attacker manually performing the steps in the attack sequence.

A. blackout attack
B. automated attack
C. distributed attack
D. central processing attack

Answer: B

NEW QUESTION 191
- (Exam Topic 1)
During the course of a corporate investigation, you find that an Employee is committing a crime. Can the Employer file a criminal complaint with Police?

A. Yes, and all evidence can be turned over to the police
B. Yes, but only if you turn the evidence over to a federal law enforcement agency
C. No, because the investigation was conducted without following standard police procedures
D. No, because the investigation was conducted without warrant

Answer: A

NEW QUESTION 195
- (Exam Topic 1)
Which legal document allows law enforcement to search an office, place of business, or other locale for evidence relating to an alleged crime?

A. bench warrant
B. wire tap
C. subpoena
D. search warrant

Answer: D

NEW QUESTION 197
- (Exam Topic 1)
When you carve an image, recovering the image depends on which of the following skills?

A. Recognizing the pattern of the header content
B. Recovering the image from a tape backup
C. Recognizing the pattern of a corrupt file
D. Recovering the image from the tape backup

Answer: A

NEW QUESTION 199
- (Exam Topic 1)

What is the target host IP in the following command?

A. 172.16.28.95
B. 10.10.150.1
C. Firewalk does not scan target hosts
D. This command is using FIN packets, which cannot scan target hosts

Answer: A

NEW QUESTION 203
- (Exam Topic 1)
What is the name of the Standard Linux Command that is also available as windows application that can be used to create bit-stream images?

A. mcopy
B. image
C. MD5
D. dd

Answer: D

NEW QUESTION 208
- (Exam Topic 1)
Bill is the accounting manager for Grummon and Sons LLC in Chicago. On a regular basis, he needs to send PDF documents containing sensitive information through E-mail to his customers.
Bill protects the PDF documents with a password and sends them to their intended recipients. Why PDF passwords do not offer maximum protection?

A. PDF passwords can easily be cracked by software brute force tools
B. PDF passwords are converted to clear text when sent through E-mail
C. PDF passwords are not considered safe by Sarbanes-Oxley
D. When sent through E-mail, PDF passwords are stripped from the document completely

Answer: A

NEW QUESTION 210
- (Exam Topic 1)
Which federal computer crime law specifically refers to fraud and related activity in connection with access devices like routers?

A. 18 U.S.
B. 1029
C. 18 U.S.
D. 1362
E. 18 U.S.
F. 2511
G. 18 U.S.
H. 2703

Answer: A

NEW QUESTION 211
- (Exam Topic 1)
This is original file structure database that Microsoft originally designed for floppy disks. It is written to the outermost track of a disk and contains information about each file stored on the drive.

A. Master Boot Record (MBR)
B. Master File Table (MFT)
C. File Allocation Table (FAT)
D. Disk Operating System (DOS)

Answer: C

NEW QUESTION 214
- (Exam Topic 1)
What does mactime, an essential part of the coroner's toolkit do?

A. It traverses the file system and produces a listing of all files based on the modification, access and change timestamps
B. It can recover deleted file space and search it for dat
C. However, it does not allow the investigator to preview them
D. The tools scans for i-node information, which is used by other tools in the tool kit
E. It is too specific to the MAC OS and forms a core component of the toolkit

Answer: A

NEW QUESTION 216
- (Exam Topic 1)
Sectors in hard disks typically contain how many bytes?

A. 256

B. 512
C. 1024
D. 2048

Answer: B

NEW QUESTION 218
- (Exam Topic 1)
Jim performed a vulnerability analysis on his network and found no potential problems. He runs another utility that executes exploits against his system to verify the results of the vulnerability test.
The second utility executes five known exploits against his network in which the vulnerability analysis said were not exploitable. What kind of results did Jim receive from his vulnerability analysis?

A. False negatives
B. False positives
C. True negatives
D. True positives

Answer: A

NEW QUESTION 221
- (Exam Topic 1)
Before you are called to testify as an expert, what must an attorney do first?

A. engage in damage control
B. prove that the tools you used to conduct your examination are perfect
C. read your curriculum vitae to the jury
D. qualify you as an expert witness

Answer: D

NEW QUESTION 223
- (Exam Topic 1)
As a CHFI professional, which of the following is the most important to your professional reputation?

A. Your Certifications
B. The correct, successful management of each and every case
C. The free that you charge
D. The friendship of local law enforcement officers

Answer: B

NEW QUESTION 226
- (Exam Topic 1)
This organization maintains a database of hash signatures for known software.

A. International Standards Organization
B. Institute of Electrical and Electronics Engineers
C. National Software Reference Library
D. American National standards Institute

Answer: C

NEW QUESTION 229
- (Exam Topic 1)
With the standard Linux second extended file system (Ext2fs), a file is deleted when the inode internal link count reaches .

A. 10
B. 100
C. 1

Answer: A

NEW QUESTION 234
- (Exam Topic 4)
What command-line tool enables forensic Investigator to establish communication between an Android device and a forensic workstation in order to perform data acquisition from the device?

A. APK Analyzer
B. SDK Manager
C. Android Debug Bridge
D. Xcode

Answer: C

NEW QUESTION 238

- (Exam Topic 4)
Adam Is thinking of establishing a hospital In the US and approaches John, a software developer to build a site and host it for him on one of the servers, which would be used to store patient health records. He has learned from his legal advisors that he needs to have the server's log data reviewed and managed according to certain standards and regulations. Which of the following regulations are the legal advisors referring to?

A. Data Protection Act of 2018
B. Payment Card Industry Data Security Standard (PCI DSS)
C. Electronic Communications Privacy Act
D. Health Insurance Portability and Accountability Act of 1996 (HIPAA)

Answer: D

NEW QUESTION 240
- (Exam Topic 4)
Which Federal Rule of Evidence speaks about the Hearsay exception where the availability of the declarant Is immaterial and certain characteristics of the declarant such as present sense Impression, excited utterance, and recorded recollection are also observed while giving their testimony?

A. Rule 801
B. Rule 802
C. Rule 804
D. Rule 803

Answer: D

NEW QUESTION 244
- (Exam Topic 4)
You are a forensic investigator who is analyzing a hard drive that was recently collected as evidence. You have been unsuccessful at locating any meaningful evidence within the file system and suspect a drive wiping utility may have been used. You have reviewed the keys within the software hive of the Windows registry and did not find any drive wiping utilities. How can you verify that drive wiping software was used on the hard drive?

A. Document in your report that you suspect a drive wiping utility was used, but no evidence was found
B. Check the list of installed programs
C. Load various drive wiping utilities offline, and export previous run reports
D. Look for distinct repeating patterns on the hard drive at the bit level

Answer: D

NEW QUESTION 246
- (Exam Topic 4)
To which phase of the computer forensics investigation process does "planning and budgeting of a forensics lab" belong?

A. Post-investigation phase
B. Reporting phase
C. Pre-investigation phase
D. Investigation phase

Answer: C

NEW QUESTION 248
- (Exam Topic 4)
Mark works for a government agency as a cyber-forensic investigator. He has been given the task of restoring data from a hard drive. The partition of the hard drive was deleted by a disgruntled employee In order to hide their nefarious actions. What tool should Mark use to restore the data?

A. EFSDump
B. Diskmon D
C. iskvlew
D. R-Studio

Answer: D

NEW QUESTION 251
- (Exam Topic 4)
Which of the following tools will allow a forensic Investigator to acquire the memory dump of a suspect machine so that It may be Investigated on a forensic workstation to collect evidentiary data like processes and Tor browser artifacts?

A. DB Browser SQLite
B. Bulk Extractor
C. Belkasoft Live RAM Capturer and AccessData FTK imager
D. Hex Editor

Answer: C

NEW QUESTION 256
- (Exam Topic 4)
An investigator seized a notebook device installed with a Microsoft Windows OS. Which type of files would support an investigation of the data size and structure in the device?

A. Ext2 and Ext4
B. APFSandHFS
C. HFS and GNUC
D. NTFSandFAT

Answer: D

NEW QUESTION 261
- (Exam Topic 4)
Which of the following statements is true with respect to SSDs (solid-state drives)?

A. Like HDD
B. SSDs also have moving parts
C. SSDs cannot store non-volatile data
D. SSDs contain tracks, clusters, and sectors to store data
E. Faster data access, lower power usage, and higher reliability are some of the m<ijor advantages of SSDs over HDDs

Answer: D

NEW QUESTION 266
- (Exam Topic 4)
Which "Standards and Criteria" under SWDGE states that "the agency must use hardware and software that are appropriate and effective for the seizure or examination procedure"?

A. Standards and Criteria 1.7
B. Standards and Criteria 1.6
C. Standards and Criteria 1.4
D. Standards and Criteria 1.5

Answer: D

NEW QUESTION 270
- (Exam Topic 4)
Which of the following methods of mobile device data acquisition captures all the data present on the device, as well as all deleted data and access to unallocated space?

A. Manual acquisition
B. Logical acquisition
C. Direct acquisition
D. Physical acquisition

Answer: D

NEW QUESTION 274
- (Exam Topic 4)
Web browsers can store relevant information from user activities. Forensic investigators may retrieve files, lists, access history, cookies, among other digital footprints. Which tool can contribute to this task?

A. Most Recently Used (MRU) list
B. MZCacheView
C. Google Chrome Recovery Utility
D. Task Manager

Answer: B

NEW QUESTION 279
- (Exam Topic 4)
Simona has written a regular expression for the detection of web application-specific attack attempt that reads as /((\%3C)|<K(\%2F)|V)*[a-zO-9\%I*((\%3E)|>)/Ix. Which of the following does the part (|\%3E)|>) look for?

A. Alphanumeric string or its hex equivalent
B. Opening angle bracket or its hex equivalent
C. Closing angle bracket or its hex equivalent
D. Forward slash for a closing tag or its hex equivalent

Answer: D

NEW QUESTION 281
- (Exam Topic 4)
A forensic examiner encounters a computer with a failed OS installation and the master boot record (MBR) or partition sector damaged. Which of the following tools can find and restore files and Information In the disk?

A. Helix
B. R-Studio
C. NetCat
D. Wireshark

Answer: B

NEW QUESTION 284
- (Exam Topic 4)
What happens lo the header of the file once It Is deleted from the Windows OS file systems?

A. The OS replaces the first letter of a deleted file name with a hex byte code: E5h
B. The OS replaces the entire hex byte coding of the file.
C. The hex byte coding of the file remains the same, but the file location differs
D. The OS replaces the second letter of a deleted file name with a hex byte code: Eh5

Answer: A

NEW QUESTION 286
- (Exam Topic 4)
Maria has executed a suspicious executable file In a controlled environment and wants to see if the file adds/modifies any registry value after execution via Windows Event Viewer. Which of the following event ID should she look for In this scenario?

A. Event ID 4657
B. Event ID 4624
C. Event ID 4688
D. Event ID 7040

Answer: A

NEW QUESTION 291
- (Exam Topic 4)
Fill In the missing Master Boot Record component.
* 1. Master boot code
* 2. Partition table
* 3. _____

A. Boot loader
B. Signature word
C. Volume boot record
D. Disk signature

Answer: A

NEW QUESTION 292
- (Exam Topic 4)
Frank, a cloud administrator in his company, needs to take backup of the OS disks of two Azure VMs that store business-critical data. Which type of Azure blob storage can he use for this purpose?

A. Append blob
B. Medium blob
C. Block blob
D. Page blob

Answer: D

NEW QUESTION 295
- (Exam Topic 4)
Jack is reviewing file headers to verify the file format and hopefully find more Information of the file. After a careful review of the data chunks through a hex editor; Jack finds the binary value Oxffd8ff. Based on the above Information, what type of format is the file/image saved as?

A. BMP
B. GIF
C. ASCII
D. JPEG

Answer: D

NEW QUESTION 296
- (Exam Topic 4)
Which layer in the loT architecture is comprised of hardware parts such as sensors, RFID tags, and devices that play an important role in data collection?

A. Middleware layer
B. Edge technology layer
C. Application layer
D. Access gateway layer

Answer: B

NEW QUESTION 297

- (Exam Topic 4)
Williamson is a forensic investigator. While investigating a case of data breach at a company, he is maintaining a document that records details such as the forensic processes applied on the collected evidence, particulars of people handling It. the dates and times when it Is being handled, and the place of storage of the evidence. What do you call this document?

A. Consent form
B. Log book
C. Authorization form
D. Chain of custody

Answer: D

NEW QUESTION 301
- (Exam Topic 4)
Cloud forensic investigations impose challenges related to multi-jurisdiction and multi-tenancy aspects. To have a better understanding of the roles and responsibilities between the cloud service provider (CSP) and the client, which document should the forensic investigator review?

A. Service level agreement
B. Service level management
C. National and local regulation
D. Key performance indicator

Answer: A

NEW QUESTION 303
- (Exam Topic 4)
A breach resulted from a malware attack that evaded detection and compromised the machine memory without installing any software or accessing the hard drive. What technique did the adversaries use to deliver the attack?

A. Fileless
B. Trojan
C. JavaScript
D. Spyware

Answer: A

NEW QUESTION 305
- (Exam Topic 4)
Which among the following acts has been passed by the U.S. Congress to protect investors from the possibility of fraudulent accounting activities by corporations?

A. Federal Information Security Management act of 2002
B. Gramm-Leach-Bliley act
C. Health insurance Probability and Accountability act of 1996
D. Sarbanes-Oxley act of 2002

Answer: D

NEW QUESTION 310
- (Exam Topic 4)
Which of the following tools is used to dump the memory of a running process, either immediately or when an error condition occurs?

A. FATKit
B. Coreography
C. Belkasoft Live RAM Capturer
D. CacheInf

Answer: C

NEW QUESTION 312
- (Exam Topic 4)
An Investigator Is checking a Cisco firewall log that reads as follows:
Aug 21 2019 09:16:44: %ASA-1-106021: Deny ICMP reverse path check from 10.0.0.44 to 10.0.0.33 on Interface outside
What does %ASA-1-106021 denote?

A. Mnemonic message
B. Type of traffic
C. Firewall action
D. Type of request

Answer: C

NEW QUESTION 317
- (Exam Topic 4)
In which loT attack does the attacker use multiple forged identities to create a strong illusion of traffic congestion, affecting communication between neighboring nodes and networks?

A. Replay attack

B. Jamming attack
C. Blueborne attack
D. Sybil attack

Answer: D

NEW QUESTION 320
- (Exam Topic 4)
Steve received a mail that seemed to have come from her bank. The mail has instructions for Steve to click on a link and provide information to avoid the suspension of her account. The link in the mail redirected her to a form asking for details such as name, phone number, date of birth, credit card number or PIN, CW code, SNNs, and email address. On a closer look, Steve realized that the URL of the form in not the same as that of her bank's. Identify the type of external attack performed by the attacker In the above scenario?

A. Aphishing
B. Espionage
C. Taiigating
D. Brute-force

Answer: A

NEW QUESTION 325
- (Exam Topic 4)
In forensics. are used lo view stored or deleted data from both files and disk sectors.

A. Hash algorithms
B. SI EM tools
C. Host interfaces
D. Hex editors

Answer: D

NEW QUESTION 330
- (Exam Topic 4)
To understand the impact of a malicious program after the booting process and to collect recent information from the disk partition, an Investigator should evaluate the content of the:

A. MBR
B. GRUB
C. UEFI
D. BIOS

Answer: A

NEW QUESTION 331
- (Exam Topic 3)
Which of the following email headers specifies an address for mailer-generated errors, like "no such user" bounce messages, to go to (instead of the sender's address)?

A. Mime-Version header
B. Content-Type header
C. Content-Transfer-Encoding header
D. Errors-To header

Answer: D

NEW QUESTION 334
- (Exam Topic 3)
In a computer that has Dropbox client installed, which of the following files related to the Dropbox client store information about local Dropbox installation and the Dropbox user account, along with email IDs linked with the account?

A. config.db
B. install.db
C. sigstore.db
D. filecache.db

Answer: A

NEW QUESTION 339
- (Exam Topic 3)
Which of the following standard represents a legal precedent regarding the admissibility of scientific examinations or experiments in legal cases?

A. SWGDE & SWGIT
B. Daubert
C. Frye
D. IOCE

Answer: C

NEW QUESTION 344
- (Exam Topic 3)
Which of the following Android libraries are used to render 2D (SGL) or 3D (OpenGL/ES) graphics content to the screen?

A. OpenGL/ES and SGL
B. Surface Manager
C. Media framework
D. WebKit

Answer: A

NEW QUESTION 345
- (Exam Topic 3)
Which list contains the most recent actions performed by a Windows User?

A. MRU
B. Activity
C. Recents
D. Windows Error Log

Answer: A

NEW QUESTION 348
- (Exam Topic 3)
Rusty, a computer forensics apprentice, uses the command nbtstat –c while analyzing the network information in a suspect system. What information is he looking for?

A. Contents of the network routing table
B. Status of the network carrier
C. Contents of the NetBIOS name cache
D. Network connections

Answer: C

NEW QUESTION 353
- (Exam Topic 3)
Which cloud model allows an investigator to acquire the instance of a virtual machine and initiate the forensics examination process?

A. PaaS model
B. IaaS model
C. SaaS model
D. SecaaS model

Answer: B

NEW QUESTION 356
- (Exam Topic 3)
Which of the following file system uses Master File Table (MFT) database to store information about every file and directory on a volume?

A. FAT File System
B. ReFS
C. exFAT
D. NTFS File System

Answer: D

NEW QUESTION 360
- (Exam Topic 3)
Buffer overflow vulnerability of a web application occurs when it fails to guard its buffer properly and allows writing beyond its maximum size. Thus, it overwrites the . There are multiple forms of buffer overflow, including a Heap Buffer Overflow and a Format String Attack.

A. Adjacent memory locations
B. Adjacent bit blocks
C. Adjacent buffer locations
D. Adjacent string locations

Answer: A

NEW QUESTION 364
- (Exam Topic 3)
Gary, a computer technician, is facing allegations of abusing children online by befriending them and sending them illicit adult images from his office computer. What type of investigation does this case require?

A. Administrative Investigation
B. Criminal Investigation
C. Both Criminal and Administrative Investigation

D. Civil Investigation

Answer: B

NEW QUESTION 365
- (Exam Topic 3)
Self-Monitoring, Analysis, and Reporting Technology (SMART) is built into the hard drives to monitor and report system activity. Which of the following is included in the report generated by SMART?

A. Power Off time
B. Logs of high temperatures the drive has reached
C. All the states (running and discontinued) associated with the OS
D. List of running processes

Answer: B

NEW QUESTION 368
- (Exam Topic 3)
Joshua is analyzing an MSSQL database for finding the attack evidence and other details, where should he look for the database logs?

A. Model.log
B. Model.txt
C. Model.ldf
D. Model.lgf

Answer: C

NEW QUESTION 372
- (Exam Topic 3)
Which of the following commands shows you the username and IP address used to access the system via a remote login session and the type of client from which they are accessing the system?

A. Net config
B. Net sessions
C. Net share
D. Net stat

Answer: B

NEW QUESTION 377
- (Exam Topic 3)
Which among the following U.S. laws requires financial institutions—companies that offer consumers financial products or services such as loans, financial or investment advice, or insurance—to protect their customers' information against security threats?

A. SOX
B. HIPAA
C. GLBA
D. FISMA

Answer: C

NEW QUESTION 381
- (Exam Topic 3)
Which of the following web browser uses the Extensible Storage Engine (ESE) database format to store browsing records, including history, cache, and cookies?

A. Safari
B. Mozilla Firefox
C. Microsoft Edge
D. Google Chrome

Answer: C

NEW QUESTION 382
- (Exam Topic 3)
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. Project Scope
B. Rules of Engagement
C. Non-Disclosure Agreement
D. Service Level Agreement

Answer: B

NEW QUESTION 383

- (Exam Topic 3)
Brian needs to acquire data from RAID storage. Which of the following acquisition methods is recommended to retrieve only the data relevant to the investigation?

A. Static Acquisition
B. Sparse or Logical Acquisition
C. Bit-stream disk-to-disk Acquisition
D. Bit-by-bit Acquisition

Answer: B

NEW QUESTION 386
- (Exam Topic 3)
Where should the investigator look for the Edge browser’s browsing records, including history, cache, and cookies?

A. ESE Database
B. Virtual Memory
C. Sparse files
D. Slack Space

Answer: A

NEW QUESTION 389
- (Exam Topic 3)
Which of the following files store the MySQL database data permanently, including the data that had been deleted, helping the forensic investigator in examining the case and finding the culprit?

A. mysql-bin
B. mysql-log
C. iblog
D. ibdata1

Answer: D

NEW QUESTION 394
- (Exam Topic 3)
Which program uses different techniques to conceal a malware's code, thereby making it difficult for security mechanisms to detect or remove it?

A. Dropper
B. Packer
C. Injector
D. Obfuscator

Answer: D

NEW QUESTION 399
- (Exam Topic 3)
An investigator has extracted the device descriptor for a 1GB thumb drive that looks like: Disk&Ven_Best_Buy&Prod_Geek_Squad_U3&Rev_6.15. What does the “Geek_Squad” part represent?

A. Product description
B. Manufacturer Details
C. Developer description
D. Software or OS used

Answer: A

NEW QUESTION 404
- (Exam Topic 3)
Which of the following does not describe the type of data density on a hard disk?

A. Volume density
B. Track density
C. Linear or recording density
D. Areal density

Answer: A

NEW QUESTION 406
- (Exam Topic 3)
Which of the following network attacks refers to sending huge volumes of email to an address in an attempt to overflow the mailbox or overwhelm the server where the email address is hosted so as to cause a
denial-of-service attack?

A. Email spamming
B. Phishing
C. Email spoofing
D. Mail bombing

Answer: D

NEW QUESTION 409
- (Exam Topic 3)
Which of the following is a non-zero data that an application allocates on a hard disk cluster in systems running on Windows OS?

A. Sparse File
B. Master File Table
C. Meta Block Group
D. Slack Space

Answer: B

NEW QUESTION 410
- (Exam Topic 3)
Which of the following is a tool to reset Windows admin password?

A. R-Studio
B. Windows Password Recovery Bootdisk
C. Windows Data Recovery Software
D. TestDisk for Windows

Answer: B

NEW QUESTION 412
- (Exam Topic 3)
What is the name of the first reserved sector in File allocation table?

A. Volume Boot Record
B. Partition Boot Sector
C. Master Boot Record
D. BIOS Parameter Block

Answer: C

NEW QUESTION 415
- (Exam Topic 3)
You are asked to build a forensic lab and your manager has specifically informed you to use copper for lining the walls, ceilings, and floor. What is the main purpose of lining the walls, ceilings, and floor with copper?

A. To control the room temperature
B. To strengthen the walls, ceilings, and floor
C. To avoid electromagnetic emanations
D. To make the lab sound proof

Answer: D

NEW QUESTION 416
- (Exam Topic 3)
MAC filtering is a security access control methodology, where a is assigned to each network card to determine access to the network.

A. 48-bit address
B. 24-bit address
C. 16-bit address
D. 32-bit address

Answer: A

NEW QUESTION 419
- (Exam Topic 3)
Which of the following is NOT an anti-forensics technique?

A. Data Deduplication
B. Steganography
C. Encryption
D. Password Protection

Answer: A

NEW QUESTION 420
- (Exam Topic 3)
Gill is a computer forensics investigator who has been called upon to examine a seized computer. This computer, according to the police, was used by a hacker who gained access to numerous banking institutions to steal customer information. After preliminary investigations, Gill finds in the computer's log files that the hacker was able to gain access to these banks through the use of Trojan horses. The hacker then used these Trojan horses to obtain remote access to the companies' domain controllers. From this point, Gill found that the hacker pulled off the SAM files from the domain controllers to then attempt and crack network

passwords. What is the most likely password cracking technique used by this hacker to break the user passwords from the SAM files?

A. Syllable attack
B. Hybrid attack
C. Brute force attack
D. Dictionary attack

Answer: D

NEW QUESTION 421
- (Exam Topic 3)
Which of the following tool can reverse machine code to assembly language?

A. PEiD
B. RAM Capturer
C. IDA Pro
D. Deep Log Analyzer

Answer: C

NEW QUESTION 426
- (Exam Topic 3)
Select the tool appropriate for examining the dynamically linked libraries of an application or malware.

A. DependencyWalker
B. SysAnalyzer
C. PEiD
D. ResourcesExtract

Answer: A

NEW QUESTION 427
- (Exam Topic 3)
POP3 is an Internet protocol, which is used to retrieve emails from a mail server. Through which port does an email client connect with a POP3 server?

A. 110
B. 143
C. 25
D. 993

Answer: A

NEW QUESTION 431
- (Exam Topic 3)
Consider that you are investigating a machine running an Windows OS released prior to Windows Vista. You are trying to gather information about the deleted files by examining the master database file named INFO2 located at C:\Recycler\<USER SID>\. You read an entry named "Dd5.exe". What does Dd5.exe mean?

A. D driv
B. fifth file deleted, a .exe file
C. D drive, fourth file restored, a .exe file
D. D drive, fourth file deleted, a .exe file
E. D drive, sixth file deleted, a .exe file

Answer: B

NEW QUESTION 434
- (Exam Topic 3)
You are a Penetration Tester and are assigned to scan a server. You need to use a scanning technique wherein the TCP Header is split into many packets so that it becomes difficult to detect what the packets are meant for. Which of the below scanning technique will you use?

A. Inverse TCP flag scanning
B. ACK flag scanning
C. TCP Scanning
D. IP Fragment Scanning

Answer: D

NEW QUESTION 437
- (Exam Topic 3)
When a user deletes a file, the system creates a $I file to store its details. What detail does the $I file not contain?

A. File Size
B. File origin and modification
C. Time and date of deletion
D. File Name

Answer: B

NEW QUESTION 438
- (Exam Topic 3)
During an investigation, Noel found the following SIM card from the suspect's mobile. What does the code 89 44 represent?

A. Issuer Identifier Number and TAC
B. Industry Identifier and Country code
C. Individual Account Identification Number and Country Code
D. TAC and Industry Identifier

Answer: B

NEW QUESTION 440
- (Exam Topic 3)
Which of the following statements is TRUE with respect to the Registry settings in the user start-up folder HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\RunOnce\.

A. All the values in this subkey run when specific user logs on, as this setting is user-specific
B. The string specified in the value run executes when user logs on
C. All the values in this key are executed at system start-up
D. All values in this subkey run when specific user logs on and then the values are deleted

Answer: D

NEW QUESTION 444
- (Exam Topic 3)
What is the location of a Protective MBR in a GPT disk layout?

A. Logical Block Address (LBA) 2
B. Logical Block Address (LBA) 0
C. Logical Block Address (LBA) 1
D. Logical Block Address (LBA) 3

Answer: C

NEW QUESTION 448
- (Exam Topic 3)
Which of the following application password cracking tool can discover all password-protected items on a computer and decrypts them?

A. TestDisk for Windows
B. R-Studio
C. Windows Password Recovery Bootdisk
D. Passware Kit Forensic

Answer: D

NEW QUESTION 452
- (Exam Topic 3)
An attacker has compromised a cloud environment of a company and used the employee information to perform an identity theft attack. Which type of attack is this?

A. Cloud as a subject
B. Cloud as a tool
C. Cloud as an object
D. Cloud as a service

Answer: A

NEW QUESTION 455
- (Exam Topic 3)
Investigators can use the Type Allocation Code (TAC) to find the model and origin of a mobile device. Where is TAC located in mobile devices?

A. International Mobile Equipment Identifier (IMEI)
B. Integrated circuit card identifier (ICCID)
C. International mobile subscriber identity (IMSI)
D. Equipment Identity Register (EIR)

Answer: A

NEW QUESTION 457
- (Exam Topic 3)
James, a hacker, identifies a vulnerability in a website. To exploit the vulnerability, he visits the login page and notes down the session ID that is created. He appends this session ID to the login URL and shares the link with a victim. Once the victim logs into the website using the shared URL, James reloads the webpage (containing the URL with the session ID appended) and now, he can browse the active session of the victim. Which attack did James successfully execute?

A. Cross Site Request Forgery
B. Cookie Tampering
C. Parameter Tampering
D. Session Fixation Attack

Answer: D

NEW QUESTION 460
- (Exam Topic 3)
Which among the following search warrants allows the first responder to search and seize the victim's computer components such as hardware, software, storage devices, and documentation?

A. John Doe Search Warrant
B. Citizen Informant Search Warrant
C. Electronic Storage Device Search Warrant
D. Service Provider Search Warrant

Answer: C

NEW QUESTION 461
- (Exam Topic 3)
Which of the following is a precomputed table containing word lists like dictionary files and brute force lists and their hash values?

A. Directory Table
B. Rainbow Table
C. Master file Table (MFT)
D. Partition Table

Answer: B

NEW QUESTION 466
- (Exam Topic 3)
Which command line tool is used to determine active network connections?

A. netsh
B. nbstat
C. nslookup
D. netstat

Answer: D

NEW QUESTION 470
- (Exam Topic 3)
Sheila is a forensics trainee and is searching for hidden image files on a hard disk. She used a forensic investigation tool to view the media in hexadecimal code for simplifying the search process. Which of the following hex codes should she look for to identify image files?

A. ff d8 ff
B. 25 50 44 46
C. d0 0f 11 e0
D. 50 41 03 04

Answer: A

NEW QUESTION 474
- (Exam Topic 3)
Centralized binary logging is a process in which many websites write binary and unformatted log data to a single log file. What extension should the investigator look to find its log file?

A. .cbl
B. .log
C. .ibl
D. .txt

Answer: C

NEW QUESTION 477

- (Exam Topic 3)
Which of the following protocols allows non-ASCII files, such as video, graphics, and audio, to be sent through the email messages?

A. MIME
B. BINHEX
C. UT-16
D. UUCODE

Answer: A

NEW QUESTION 478
- (Exam Topic 3)
One technique for hiding information is to change the file extension from the correct one to the one that might not be noticed by an investigator. For example, changing a .jpg extension to a .doc extension so that a picture file appears to be a document. What can an investigator examine to verify that a file has the correct extension?

A. The file header
B. The File Allocation Table
C. The file footer
D. The sector map

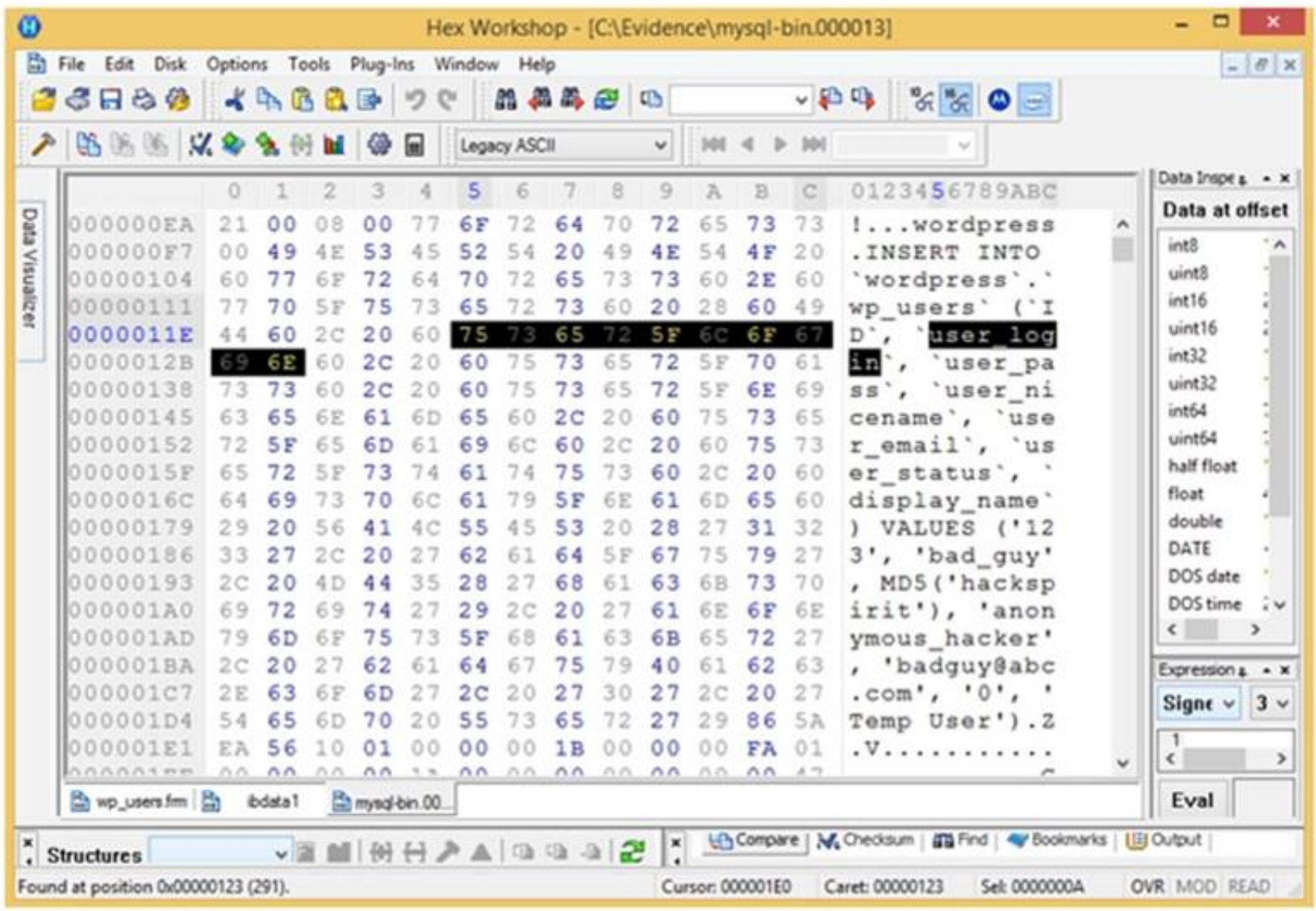
Answer: A

NEW QUESTION 480
- (Exam Topic 3)
As part of extracting the system data, Jenifer has used the netstat command. What does this tool reveal?

A. Status of users connected to the internet
B. Net status of computer usage
C. Information about network connections
D. Status of network hardware

Answer: C

NEW QUESTION 482
- (Exam Topic 3)
Analyze the hex representation of mysql-bin.000013 file in the screenshot below. Which of the following will be an inference from this analysis?



A. A user with username bad_guy has logged into the WordPress web application
B. A WordPress user has been created with the username anonymous_hacker
C. An attacker with name anonymous_hacker has replaced a user bad_guy in the WordPress database
D. A WordPress user has been created with the username bad_guy

Answer: D

NEW QUESTION 486
- (Exam Topic 3)
Amelia has got an email from a well-reputed company stating in the subject line that she has won a prize money, whereas the email body says that she has to pay a certain amount for being eligible for the contest. Which of the following acts does the email breach?

A. CAN-SPAM Act
B. HIPAA
C. GLBA
D. SOX

Answer: A

NEW QUESTION 491
- (Exam Topic 3)
James is dealing with a case regarding a cybercrime that has taken place in Arizona, USA. James needs to lawfully seize the evidence from an electronic device without affecting the user's anonymity. Which of the following law should he comply with, before retrieving the evidence?

A. First Amendment of the U.
B. Constitution
C. Fourth Amendment of the U.
D. Constitution
E. Third Amendment of the U.
F. Constitution
G. Fifth Amendment of the U.
H. Constitution

Answer: D

NEW QUESTION 493
- (Exam Topic 3)
If the partition size is 4 GB, each cluster will be 32 K. Even if a file needs only 10 K, the entire 32 K will be allocated, resulting in 22 K of .

A. Slack space
B. Deleted space
C. Sector space
D. Cluster space

Answer: A

NEW QUESTION 496
- (Exam Topic 3)
What is the role of Alloc.c in Apache core?

A. It handles allocation of resource pools
B. It is useful for reading and handling of the configuration files
C. It takes care of all the data exchange and socket connections between the client and the server
D. It handles server start-ups and timeouts

Answer: A

NEW QUESTION 498
- (Exam Topic 3)
You are working as an independent computer forensics investigator and received a call from a systems administrator for a local school system requesting your assistance. One of the students at the local high school is suspected of downloading inappropriate images from the Internet to a PC in the Computer Lab. When you arrive at the school, the systems administrator hands you a hard drive and tells you that he made a “simple backup copy” of the hard drive in the PC and put it on this drive and requests that you examine the drive for evidence of the suspected images. You inform him that a “simple backup copy” will not provide deleted files or recover file fragments. What type of copy do you need to make to ensure that the evidence found is complete and admissible in future proceeding?

A. Robust copy
B. Incremental backup copy
C. Bit-stream copy
D. Full backup copy

Answer: C

NEW QUESTION 499
- (Exam Topic 3)
Which of the following standard represents a legal precedent set in 1993 by the Supreme Court of the United States regarding the admissibility of expert witnesses' testimony during federal legal proceedings?

A. SWGDE & SWGIT
B. IOCE
C. Frye
D. Daubert

Answer: D

NEW QUESTION 504
- (Exam Topic 3)
What is the capacity of Recycle bin in a system running on Windows Vista?

A. 2.99GB
B. 3.99GB
C. Unlimited
D. 10% of the partition space

Answer: C

NEW QUESTION 505
- (Exam Topic 3)
Which among the following web application threats is resulted when developers expose various internal implementation objects, such as files, directories, database records, or key-through references?

A. Remote File Inclusion
B. Cross Site Scripting
C. Insecure Direct Object References
D. Cross Site Request Forgery

Answer: C

NEW QUESTION 506
- (Exam Topic 3)
What value of the "Boot Record Signature" is used to indicate that the boot-loader exists?

A. AA55
B. 00AA
C. AA00
D. A100

Answer: A

NEW QUESTION 510
- (Exam Topic 3)
Which of the following does Microsoft Exchange E-mail Server use for collaboration of various e-mail applications?

A. Simple Mail Transfer Protocol (SMTP)
B. Messaging Application Programming Interface (MAPI)
C. Internet Message Access Protocol (IMAP)
D. Post Office Protocol version 3 (POP3)

Answer: B

NEW QUESTION 514
- (Exam Topic 3)
In which of these attacks will a steganalyst use a random message to generate a stego-object by using some steganography tool, to find the steganography algorithm used to hide the information?

A. Chosen-message attack
B. Known-cover attack
C. Known-message attack
D. Known-stego attack

Answer: A

NEW QUESTION 517
- (Exam Topic 3)
When analyzing logs, it is important that the clocks of all the network devices are synchronized. Which protocol will help in synchronizing these clocks?

A. UTC
B. PTP
C. Time Protocol
D. NTP

Answer: D

NEW QUESTION 519
- (Exam Topic 3)
The MAC attributes are timestamps that refer to a time at which the file was last modified or last accessed or originally created. Which of the following file systems store MAC attributes in Coordinated Universal Time (UTC) format?

A. File Allocation Table (FAT
B. New Technology File System (NTFS)
C. Hierarchical File System (HFS)
D. Global File System (GFS)

Answer: B

NEW QUESTION 524
- (Exam Topic 3)
Pick the statement which does not belong to the Rule 804. Hearsay Exceptions; Declarant Unavailable.

A. Statement of personal or family history
B. Prior statement by witness
C. Statement against interest
D. Statement under belief of impending death

Answer: D

NEW QUESTION 526
- (Exam Topic 3)
Which component in the hard disk moves over the platter to read and write information?

A. Actuator
B. Spindle
C. Actuator Axis
D. Head

Answer: D

NEW QUESTION 530
- (Exam Topic 3)
Which Linux command when executed displays kernel ring buffers or information about device drivers loaded into the kernel?

A. pgrep
B. dmesg
C. fsck
D. grep

Answer: B

NEW QUESTION 534
- (Exam Topic 3)
Report writing is a crucial stage in the outcome of an investigation. Which information should not be included in the report section?

A. Speculation or opinion as to the cause of the incident
B. Purpose of the report
C. Author of the report
D. Incident summary

Answer: A

NEW QUESTION 535
- (Exam Topic 3)
An investigator has acquired packed software and needed to analyze it for the presence of malice. Which of the following tools can help in finding the packaging software used?

A. SysAnalyzer
B. PEiD
C. Comodo Programs Manager
D. Dependency Walker

Answer: B

NEW QUESTION 539
- (Exam Topic 3)
Which of the following is a MAC-based File Recovery Tool?

A. VirtualLab
B. GetDataBack
C. Cisdem DataRecovery 3
D. Smart Undeleter

Answer: C

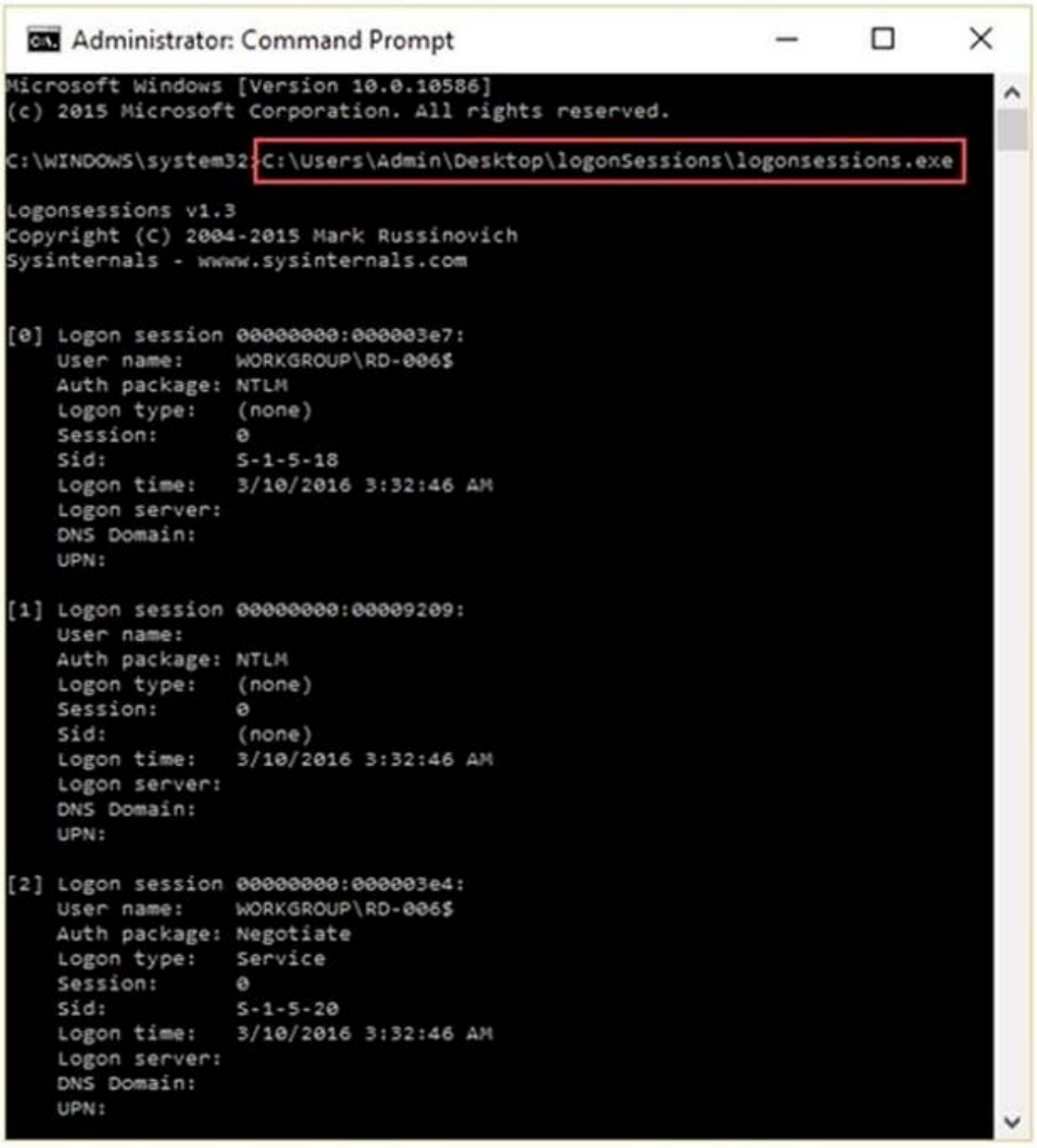
NEW QUESTION 544
- (Exam Topic 3)
Which of the following information is displayed when Netstat is used with -ano switch?

A. Ethernet statistics
B. Contents of IP routing table

C. Details of routing table
D. Details of TCP and UDP connections

Answer: D

NEW QUESTION 545
- (Exam Topic 3)
What is the investigator trying to analyze if the system gives the following image as output?



A. All the logon sessions
B. Currently active logon sessions
C. Inactive logon sessions
D. Details of users who can logon

Answer: B

NEW QUESTION 547
- (Exam Topic 3)
Which of the following is a device monitoring tool?

A. Capsa
B. Driver Detective
C. Regshot
D. RAM Capturer

Answer: A

NEW QUESTION 552
- (Exam Topic 3)
Which of the following tools is not a data acquisition hardware tool?

A. UltraKit
B. Atola Insight Forensic
C. F-Response Imager
D. Triage-Responder

Answer: C

NEW QUESTION 554
- (Exam Topic 3)
While analyzing a hard disk, the investigator finds that the file system does not use UEFI-based interface. Which of the following operating systems is present on the hard disk?

A. Windows 10
B. Windows 8
C. Windows 7
D. Windows 8.1

Answer: C

NEW QUESTION 555
- (Exam Topic 3)
Which of the following is a responsibility of the first responder?

A. Determine the severity of the incident
B. Collect as much information about the incident as possible
C. Share the collected information to determine the root cause
D. Document the findings

Answer: B

NEW QUESTION 560
- (Exam Topic 3)
Which of the following techniques delete the files permanently?

A. Steganography
B. Artifact Wiping
C. Data Hiding
D. Trail obfuscation

Answer: B

NEW QUESTION 561
- (Exam Topic 3)
As a part of the investigation, Caroline, a forensic expert, was assigned the task to examine the transaction logs pertaining to a database named Transfers. She used SQL Server Management Studio to collect the active transaction log files of the database. Caroline wants to extract detailed information on the logs, including AllocUnitId, page id, slot id, etc. Which of the following commands does she need to execute in order to extract the desired information?

A. DBCC LOG(Transfers, 1)
B. DBCC LOG(Transfers, 3)
C. DBCC LOG(Transfers, 0)
D. DBCC LOG(Transfers, 2)

Answer: D

NEW QUESTION 562
- (Exam Topic 3)
Which of the following files contains the traces of the applications installed, run, or uninstalled from a system?

A. Virtual Files
B. Image Files
C. Shortcut Files
D. Prefetch Files

Answer: C

NEW QUESTION 563
- (Exam Topic 3)
Which of the following statements is TRUE about SQL Server error logs?

A. SQL Server error logs record all the events occurred on the SQL Server and its databases
B. Forensic investigator uses SQL Server Profiler to view error log files
C. Error logs contain IP address of SQL Server client connections
D. Trace files record, user-defined events, and specific system events

Answer: B

NEW QUESTION 567
- (Exam Topic 3)
In both pharming and phishing attacks an attacker can create websites that look similar to legitimate sites with the intent of collecting personal identifiable information from its victims. What is the difference between pharming and phishing attacks?

A. Both pharming and phishing attacks are purely technical and are not considered forms of social engineering
B. In a pharming attack a victim is redirected to a fake website by modifying their host configuration file or by exploiting vulnerabilities in DN
C. In a phishing attack an attacker provides the victim with a URL that is either misspelled or looks similar to the actual websites domain name
D. In a phishing attack a victim is redirected to a fake website by modifying their host configuration file or by exploiting vulnerabilities in DN
E. In a pharming attack an attacker provides the victim with a URL that is either misspelled or looks very similar to the actual websites domain name
F. Both pharming and phishing attacks are identical

Answer: B

NEW QUESTION 572
- (Exam Topic 3)
> NMAP -sn 192.168.11.200-215 The NMAP command above performs which of the following?

A. A trace sweep
B. A port scan
C. A ping scan
D. An operating system detect

Answer: C

NEW QUESTION 576
- (Exam Topic 3)
Which of the following is found within the unique instance ID key and helps investigators to map the entry from USBSTOR key to the MountedDevices key?

A. ParentIDPrefix
B. LastWrite
C. UserAssist key
D. MRUListEx key

Answer: A

NEW QUESTION 578
- (Exam Topic 3)
Select the tool appropriate for finding the dynamically linked lists of an application or malware.

A. SysAnalyzer
B. ResourcesExtract
C. PEiD
D. Dependency Walker

Answer: D

NEW QUESTION 582
- (Exam Topic 3)
Which of these rootkit detection techniques function by comparing a snapshot of the file system, boot records, or memory with a known and trusted baseline?

A. Signature-Based Detection
B. Integrity-Based Detection
C. Cross View-Based Detection
D. Heuristic/Behavior-Based Detection

Answer: B

NEW QUESTION 585
- (Exam Topic 3)
In Windows, prefetching is done to improve system performance. There are two types of prefetching: boot prefetching and application prefetching. During boot prefetching, what does the Cache Manager do?

A. Determines the data associated with value EnablePrefetcher
B. Monitors the first 10 seconds after the process is started
C. Checks whether the data is processed
D. Checks hard page faults and soft page faults

Answer: C

NEW QUESTION 587
- (Exam Topic 3)
NTFS sets a flag for the file once you encrypt it and creates an EFS attribute where it stores Data Decryption Field (DDF) and Data Recovery Field (DDR). Which of the following is not a part of DDF?

A. Encrypted FEK
B. Checksum
C. EFS Certificate Hash
D. Container Name

Answer: B

NEW QUESTION 592
- (Exam Topic 2)
Which password cracking technique uses every possible combination of character sets?

A. Rainbow table attack
B. Brute force attack
C. Rule-based attack
D. Dictionary attack

Answer: B

NEW QUESTION 597
- (Exam Topic 2)
Where is the startup configuration located on a router?

A. Static RAM
B. BootROM
C. NVRAM
D. Dynamic RAM

Answer: C

NEW QUESTION 600
- (Exam Topic 2)
To which phase of the Computer Forensics Investigation Process does the Planning and Budgeting of a Forensics Lab belong?

A. Post-investigation Phase
B. Reporting Phase
C. Pre-investigation Phase
D. Investigation Phase

Answer: C

NEW QUESTION 603
- (Exam Topic 2)
What type of analysis helps to identify the time and sequence of events in an investigation?

A. Time-based
B. Functional
C. Relational
D. Temporal

Answer: D

NEW QUESTION 604
- (Exam Topic 2)
When a router receives an update for its routing table, what is the metric value change to that path?

A. Increased by 2
B. Decreased by 1
C. Increased by 1
D. Decreased by 2

Answer: C

NEW QUESTION 607
- (Exam Topic 2)
Stephen is checking an image using Compare Files by The Wizard, and he sees the file signature is shown as FF D8 FF E1. What is the file type of the image?

A. gif
B. bmp
C. jpeg
D. png

Answer: C

NEW QUESTION 608
- (Exam Topic 2)
Company ABC has employed a firewall, IDS, Antivirus, Domain Controller, and SIEM. The company's domain controller goes down. From which system would you begin your investigation?

A. Domain Controller
B. Firewall
C. SIEM
D. IDS

Answer:

C

NEW QUESTION 613
- (Exam Topic 2)
The investigator wants to examine changes made to the system's registry by the suspect program. Which of the following tool can help the investigator?

A. TRIPWIRE
B. RAM Capturer
C. Regshot
D. What's Running

Answer: C

NEW QUESTION 615
- (Exam Topic 2)
Netstat is a tool for collecting information regarding network connections. It provides a simple view of TCP and UDP connections, and their state and network traffic statistics. Which of the following commands shows you the TCP and UDP network connections, listening ports, and the identifiers?

A. netstat – r
B. netstat – ano
C. netstat – b
D. netstat – s

Answer: B

NEW QUESTION 620
- (Exam Topic 2)
Adam, a forensic investigator, is investigating an attack on Microsoft Exchange Server of a large organization. As the first step of the investigation, he examined the PRIV.EDB file and found the source from where the mail originated and the name of the file that disappeared upon execution. Now, he wants to examine the MIME stream content. Which of the following files is he going to examine?

A. PRIV.STM
B. gwcheck.db
C. PRIV.EDB
D. PUB.EDB

Answer: A

NEW QUESTION 622
- (Exam Topic 2)
Which of the following files stores information about a local Google Drive installation such as User email ID, Local Sync Root Path, and Client version installed?

A. filecache.db
B. config.db
C. sigstore.db
D. Sync_config.db

Answer: D

NEW QUESTION 626
- (Exam Topic 2)
Under confession, an accused criminal admitted to encrypting child pornography pictures and then hiding them within other pictures. What technique did the accused criminal employ?

A. Typography
B. Steganalysis
C. Picture encoding
D. Steganography

Answer: D

NEW QUESTION 630
- (Exam Topic 2)
Which of the following Event Correlation Approach is an advanced correlation method that assumes and predicts what an attacker can do next after the attack by studying the statistics and probability and uses only two variables?

A. Bayesian Correlation
B. Vulnerability-Based Approach
C. Rule-Based Approach
D. Route Correlation

Answer: A

NEW QUESTION 633
- (Exam Topic 2)
What will the following Linux command accomplish? dd if=/dev/mem of=/home/sam/mem.bin bs=1024

A. Copy the master boot record to a file
B. Copy the contents of the system folder to a file
C. Copy the running memory to a file
D. Copy the memory dump file to an image file

Answer: C

NEW QUESTION 637
- (Exam Topic 2)
Cylie is investigating a network breach at a state organization in Florida. She discovers that the intruders were able to gain access into the company firewalls by overloading them with IP packets. Cylie then discovers through her investigation that the intruders hacked into the company phone system and used the hard drives on their PBX system to store shared music files. What would this attack on the company PBX system be called?

A. Phreaking
B. Squatting
C. Crunching
D. Pretexting

Answer: A

NEW QUESTION 640
- (Exam Topic 2)
Where is the default location for Apache access logs on a Linux computer?

A. usr/local/apache/logs/access_log
B. bin/local/home/apache/logs/access_log
C. usr/logs/access_log
D. logs/usr/apache/access_log

Answer: A

NEW QUESTION 643
- (Exam Topic 2)
What encryption technology is used on Blackberry devices Password Keeper?

A. 3DES
B. AES
C. Blowfish
D. RC5

Answer: B

NEW QUESTION 646
- (Exam Topic 2)
NTFS has reduced slack space than FAT, thus having lesser potential to hide data in the slack space. This is because:

A. FAT does not index files
B. NTFS is a journaling file system
C. NTFS has lower cluster size space
D. FAT is an older and inefficient file system

Answer: C

NEW QUESTION 651
- (Exam Topic 2)
You have been called in to help with an investigation of an alleged network intrusion. After questioning the members of the company IT department, you search through the server log files to find any trace of the intrusion. After that you decide to telnet into one of the company routers to see if there is any evidence to be found. While connected to the router, you see some unusual activity and believe that the attackers are currently connected to that router. You start up an ethereal session to begin capturing traffic on the router that could be used in the investigation. At what layer of the OSI model are you monitoring while watching traffic to and from the router?

A. Network
B. Transport
C. Data Link
D. Session

Answer: A

NEW QUESTION 654
- (Exam Topic 2)
Davidson Trucking is a small transportation company that has three local offices in Detroit Michigan. Ten female employees that work for the company have gone to an attorney reporting that male employees repeatedly harassed them and that management did nothing to stop the problem. Davidson has employee policies that outline all company guidelines, including awareness on harassment and how it will not be tolerated. When the case is brought to court, whom should the prosecuting attorney call upon for not upholding company policy?

A. IT personnel
B. Employees themselves

C. Supervisors
D. Administrative assistant in charge of writing policies

Answer: C

NEW QUESTION 657
- (Exam Topic 2)
What type of equipment would a forensics investigator store in a StrongHold bag?

A. PDAPDA?
B. Backup tapes
C. Hard drives
D. Wireless cards

Answer: D

NEW QUESTION 658
- (Exam Topic 2)
What is the primary function of the tool CHKDSK in Windows that authenticates the file system reliability of a volume?

A. Repairs logical file system errors
B. Check the disk for hardware errors
C. Check the disk for connectivity errors
D. Check the disk for Slack Space

Answer: A

NEW QUESTION 663
- (Exam Topic 2)
While searching through a computer under investigation, you discover numerous files that appear to have had the first letter of the file name replaced by the hex code byte 5h. What does this indicate on the computer?

A. The files have been marked as hidden
B. The files have been marked for deletion
C. The files are corrupt and cannot be recovered
D. The files have been marked as read-only

Answer: B

NEW QUESTION 668
- (Exam Topic 2)
Which of the following standard represents a legal precedent sent in 1993 by the Supreme Court of the United States regarding the admissibility of expert witnesses' testimony during federal legal proceedings?

A. IOCE
B. SWGDE & SWGIT
C. Frye
D. Daubert

Answer: D

NEW QUESTION 669
- (Exam Topic 2)
Smith, a network administrator with a large MNC, was the first to arrive at a suspected crime scene involving criminal use of compromised computers. What should be his first response while maintaining the integrity of evidence?

A. Record the system state by taking photographs of physical system and the display
B. Perform data acquisition without disturbing the state of the systems
C. Open the systems, remove the hard disk and secure it
D. Switch off the systems and carry them to the laboratory

Answer: A

NEW QUESTION 673
- (Exam Topic 2)
What feature of Decryption Collection allows an investigator to crack a password as quickly as possible?

A. Cracks every password in 10 minutes
B. Distribute processing over 16 or fewer computers
C. Support for Encrypted File System
D. Support for MD5 hash verification

Answer: B

NEW QUESTION 678

- (Exam Topic 2)
Which of the following tool enables a user to reset his/her lost admin password in a Windows system?

A. Advanced Office Password Recovery
B. Active@ Password Changer
C. Smartkey Password Recovery Bundle Standard
D. Passware Kit Forensic

Answer: B

NEW QUESTION 681
- (Exam Topic 2)
Which of the following reports are delivered under oath to a board of directors/managers/panel of the jury?

A. Written Formal Report
B. Verbal Formal Report
C. Verbal Informal Report
D. Written Informal Report

Answer: B

NEW QUESTION 686
- (Exam Topic 2)
When investigating a wireless attack, what information can be obtained from the DHCP logs?

A. The operating system of the attacker and victim computers
B. IP traffic between the attacker and the victim
C. MAC address of the attacker
D. If any computers on the network are running in promiscuous mode

Answer: C

NEW QUESTION 690
- (Exam Topic 2)
Which among the following is an act passed by the U.S. Congress in 2002 to protect investors from the possibility of fraudulent accounting activities by corporations?

A. HIPAA
B. GLBA
C. SOX
D. FISMA

Answer: C

NEW QUESTION 695
- (Exam Topic 2)
The process of restarting a computer that is already turned on through the operating system is called?

A. Warm boot
B. Ice boot
C. Hot Boot
D. Cold boot

Answer: A

NEW QUESTION 699
- (Exam Topic 2)
Which file is a sequence of bytes organized into blocks understandable by the system’s linker?

A. executable file
B. source file
C. Object file
D. None of these

Answer: C

NEW QUESTION 702
- (Exam Topic 2)
Why would you need to find out the gateway of a device when investigating a wireless attack?

A. The gateway will be the IP of the proxy server used by the attacker to launch the attack
B. The gateway will be the IP of the attacker computer
C. The gateway will be the IP used to manage the RADIUS server
D. The gateway will be the IP used to manage the access point

Answer: D

NEW QUESTION 706
- (Exam Topic 2)
What does 254 represent in ICCID 89254021520014515744?

A. Industry Identifier Prefix
B. Country Code
C. Individual Account Identification Number
D. Issuer Identifier Number

Answer: B

NEW QUESTION 710
- (Exam Topic 2)
You have been given the task to investigate web attacks on a Windows-based server. Which of the following commands will you use to look at the sessions the machine has opened with other systems?

A. Net sessions
B. Net config
C. Net share
D. Net use

Answer: D

NEW QUESTION 711
- (Exam Topic 2)
What hashing method is used to password protect Blackberry devices?

A. AES
B. RC5
C. MD5
D. SHA-1

Answer: D

NEW QUESTION 716
- (Exam Topic 2)
A small law firm located in the Midwest has possibly been breached by a computer hacker looking to obtain information on their clientele. The law firm does not have any on-site IT employees, but wants to search for evidence of the breach themselves to prevent any possible media attention. Why would this not be recommended?

A. Searching for evidence themselves would not have any ill effects
B. Searching could possibly crash the machine or device
C. Searching creates cache files, which would hinder the investigation
D. Searching can change date/time stamps

Answer: D

NEW QUESTION 718
- (Exam Topic 2)
What does the 63.78.199.4(161) denotes in a Cisco router log?
Mar 14 22:57:53.425 EST: %SEC-6-IPACCESSLOGP: list internet-inbound denied udp 66.56.16.77(1029) -> 63.78.199.4(161), 1 packet

A. Destination IP address
B. Source IP address
C. Login IP address
D. None of the above

Answer: A

NEW QUESTION 719
- (Exam Topic 2)
When carrying out a forensics investigation, why should you never delete a partition on a dynamic disk?

A. All virtual memory will be deleted
B. The wrong partition may be set to active
C. This action can corrupt the disk
D. The computer will be set in a constant reboot state

Answer: C

NEW QUESTION 724
- (Exam Topic 2)
Sectors are pie-shaped regions on a hard disk that store data. Which of the following parts of a hard disk do not contribute in determining the addresses of data?

A. Sectors
B. Interface
C. Cylinder

D. Heads

Answer: B

NEW QUESTION 729
- (Exam Topic 2)
Which of the following refers to the process of the witness being questioned by the attorney who called the latter to the stand?

A. Witness Authentication
B. Direct Examination
C. Expert Witness
D. Cross Questioning

Answer: B

NEW QUESTION 730
- (Exam Topic 2)
Who is responsible for the following tasks?

A. Non-forensics staff
B. Lawyers
C. System administrators
D. Local managers or other non-forensic staff

Answer: A

NEW QUESTION 732
- (Exam Topic 2)
Which forensic investigating concept trails the whole incident from how the attack began to how the victim was affected?

A. Point-to-point
B. End-to-end
C. Thorough
D. Complete event analysis

Answer: B

NEW QUESTION 733
- (Exam Topic 2)
Which of the following are small pieces of data sent from a website and stored on the user's computer by the user's web browser to track, validate, and maintain specific user information?

A. Temporary Files
B. Open files
C. Cookies
D. Web Browser Cache

Answer: C

NEW QUESTION 736
- (Exam Topic 2)
John is working on his company policies and guidelines. The section he is currently working on covers company documents; how they should be handled, stored, and eventually destroyed. John is concerned about the process whereby outdated documents are destroyed. What type of shredder should John write in the guidelines to be used when destroying documents?

A. Strip-cut shredder
B. Cross-cut shredder
C. Cross-hatch shredder
D. Cris-cross shredder

Answer: B

NEW QUESTION 737
- (Exam Topic 2)
Which of the following commands shows you all of the network services running on Windows-based servers?

A. Netstart
B. Net Session
C. Net use
D. Net config

Answer: A

NEW QUESTION 740
- (Exam Topic 2)

When should an MD5 hash check be performed when processing evidence?

A. After the evidence examination has been completed
B. On an hourly basis during the evidence examination
C. Before and after evidence examination
D. Before the evidence examination has been completed

Answer: C

NEW QUESTION 741
- (Exam Topic 2)
When is it appropriate to use computer forensics?

A. If copyright and intellectual property theft/misuse has occurred
B. If employees do not care for their boss management techniques
C. If sales drop off for no apparent reason for an extended period of time
D. If a financial institution is burglarized by robbers

Answer: A

NEW QUESTION 743
- (Exam Topic 2)
Which of the following data structures stores attributes of a process, as well as pointers to other attributes and data structures?

A. Lsproc
B. DumpChk
C. RegEdit
D. EProcess

Answer: D

NEW QUESTION 748
- (Exam Topic 2)
Which of the following tool enables data acquisition and duplication?

A. Colasoft’s Capsa
B. DriveSpy
C. Wireshark
D. Xplico

Answer: B

NEW QUESTION 750
- (Exam Topic 2)
What type of flash memory card comes in either Type I or Type II and consumes only five percent of the power required by small hard drives?

A. SD memory
B. CF memory
C. MMC memory
D. SM memory

Answer: B

NEW QUESTION 751
- (Exam Topic 2)
Jason discovered a file named $RIYG6VR.doc in the C:\$Recycle.Bin\<USER SID>\ while analyzing a hard disk image for the deleted data. What inferences can he make from the file name?

A. It is a doc file deleted in seventh sequential order
B. RIYG6VR.doc is the name of the doc file deleted from the system
C. It is file deleted from R drive
D. It is a deleted doc file

Answer: D

NEW QUESTION 754
- (Exam Topic 2)
When operating systems mark a cluster as used but not allocated, the cluster is considered as

A. Corrupt
B. Bad
C. Lost
D. Unallocated

Answer: C

NEW QUESTION 758
- (Exam Topic 2)
Why should you never power on a computer that you need to acquire digital evidence from?

A. When the computer boots up, files are written to the computer rendering the data nclean
B. When the computer boots up, the system cache is cleared which could destroy evidence
C. When the computer boots up, data in the memory buffer is cleared which could destroy evidence
D. Powering on a computer has no affect when needing to acquire digital evidence from it

Answer: A

NEW QUESTION 762
- (Exam Topic 2)
Where does Encase search to recover NTFS files and folders?

A. MBR
B. MFT
C. Slack space
D. HAL

Answer: B

NEW QUESTION 763
- (Exam Topic 2)
Which of the following stages in a Linux boot process involve initialization of the system's hardware?

A. BIOS Stage
B. Bootloader Stage
C. BootROM Stage
D. Kernel Stage

Answer: A

NEW QUESTION 765
- (Exam Topic 2)
Wireless access control attacks aim to penetrate a network by evading WLAN access control measures such as AP MAC filters and Wi-Fi port access controls. Which of the following wireless access control attacks allow the attacker to set up a rogue access point outside the corporate perimeter and then lure the employees of the organization to connect to it?

A. Ad hoc associations
B. Client mis-association
C. MAC spoofing
D. Rogue access points

Answer: B

NEW QUESTION 766
- (Exam Topic 2)
Which of the following is a database in which information about every file and directory on an NT File System (NTFS) volume is stored?

A. Volume Boot Record
B. Master Boot Record
C. GUID Partition Table
D. Master File Table

Answer: D

NEW QUESTION 767
- (Exam Topic 2)
What type of attack sends spoofed UDP packets (instead of ping packets) with a fake source address to the IP broadcast address of a large network?

A. Fraggle
B. Smurf scan
C. SYN flood
D. Teardrop

Answer: A

NEW QUESTION 771
- (Exam Topic 2)
What file is processed at the end of a Windows XP boot to initialize the logon dialog box?

A. NTOSKRNL.EXE
B. NTLDR
C. LSASS.EXE
D. NTDETECT.COM

Answer: A

NEW QUESTION 773
- (Exam Topic 2)
Paul is a computer forensics investigator working for Tyler & Company Consultants. Paul has been called upon to help investigate a computer hacking ring broken up by the local police. Paul begins to inventory the
PCs found in the hackers hideout. Paul then comes across a PDA left by them that is attached to a number of different peripheral devices. What is the first step that Paul must take with the PDA to ensure the integrity of the investigation?

A. Place PDA, including all devices, in an antistatic bag
B. Unplug all connected devices
C. Power off all devices if currently on
D. Photograph and document the peripheral devices

Answer: D

NEW QUESTION 777
- (Exam Topic 2)
When marking evidence that has been collected with the aa/ddmmyy/nnnn/zz format, what does the nnn denote?

A. The year the evidence was taken
B. The sequence number for the parts of the same exhibit
C. The initials of the forensics analyst
D. The sequential number of the exhibits seized

Answer: D

NEW QUESTION 781
- (Exam Topic 2)
Smith, as a part his forensic investigation assignment, seized a mobile device. He was asked to recover the Subscriber Identity Module (SIM card) data in the mobile device. Smith found that the SIM was protected by a Personal Identification Number (PIN) code, but he was also aware that people generally leave the PIN numbers to the defaults or use easily guessable numbers such as 1234. He made three unsuccessful attempts, which blocked the SIM card. What can Jason do in this scenario to reset the PIN and access SIM data?

A. He should contact the network operator for a Temporary Unlock Code (TUK)
B. Use system and hardware tools to gain access
C. He can attempt PIN guesses after 24 hours
D. He should contact the network operator for Personal Unlock Number (PUK)

Answer: D

NEW QUESTION 786
- (Exam Topic 2)
Tyler is setting up a wireless network for his business that he runs out of his home. He has followed all the directions from the ISP as well as the wireless router manual. He does not have any encryption set and the SSID is being broadcast. On his laptop, he can pick up the wireless signal for short periods of time, but then the connection drops and the signal goes away.
Eventually the wireless signal shows back up, but drops intermittently. What could be Tyler issue with his home wireless network?

A. Computers on his wired network
B. Satellite television
C. 2.4Ghz Cordless phones
D. CB radio

Answer: C

NEW QUESTION 791
- (Exam Topic 2)
Daryl, a computer forensics investigator, has just arrived at the house of an alleged computer hacker. Daryl takes pictures and tags all computer and peripheral equipment found in the house. Daryl packs all the items found in his van and takes them back to his lab for further examination. At his lab, Michael his assistant helps him with the investigation. Since Michael is still in training, Daryl supervises all of his work very carefully. Michael is not quite sure about the procedures to copy all the data off the computer and peripheral devices. How many data acquisition tools should Michael use when creating copies of the evidence for the investigation?

A. Two
B. One
C. Three
D. Four

Answer: A

NEW QUESTION 794
- (Exam Topic 2)
Which of the following Event Correlation Approach checks and compares all the fields systematically and
intentionally for positive and negative correlation with each other to determine the correlation across one or multiple fields?

A. Rule-Based Approach
B. Automated Field Correlation

C. Field-Based Approach
D. Graph-Based Approach

Answer: B

NEW QUESTION 796
- (Exam Topic 2)
Which MySQL log file contains information on server start and stop?

A. Slow query log file
B. General query log file
C. Binary log
D. Error log file

Answer: D

NEW QUESTION 800
- (Exam Topic 2)
An on-site incident response team is called to investigate an alleged case of computer tampering within their company. Before proceeding with the investigation, the CEO informs them that the incident will be classified as low level. How long will the team have to respond to the incident?

A. One working day
B. Two working days
C. Immediately
D. Four hours

Answer: A

NEW QUESTION 805
- (Exam Topic 2)
While presenting his case to the court, Simon calls many witnesses to the stand to testify. Simon decides to call Hillary Taft, a lay witness, to the stand. Since Hillary is a lay witness, what field would she be considered an expert in?

A. Technical material related to forensics
B. No particular field
C. Judging the character of defendants/victims
D. Legal issues

Answer: B

NEW QUESTION 809
- (Exam Topic 2)
Julie is a college student majoring in Information Systems and Computer Science. She is currently writing an essay for her computer crimes class. Julie paper focuses on white-collar crimes in America and how forensics investigators investigate the cases. Julie would like to focus the subject. Julie would like to focus the subject of the essay on the most common type of crime found in corporate America. What crime should Julie focus on?

A. Physical theft
B. Copyright infringement
C. Industrial espionage
D. Denial of Service attacks

Answer: C

NEW QUESTION 814
- (Exam Topic 2)
The following is a log file screenshot from a default installation of IIS 6.0.

```
#Software: Microsoft Internet Information Services 6.0
#Version: 1.0
#Date: 2007-01-22 15:42:36
#Fields: date time s-sitename s-ip cs-method cs-uri-stem cs-uri-query s-port cs-user
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /index.html - 80 - 172.16.28.80
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/index.asp - 80 - 172.16.28
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/css/olcstyle.css - 80 - 17
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /favicon.ico - 80 - 172.16.28.80 Avant+
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/css/dhtml_horiz.css - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/index_01.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/index_02.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/index_03.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/index_04.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/index_06.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/index_07.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/index_08.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/script/dhtml.js - 80 - 172
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/greenArraw.jpg - 80
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/board_01.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
2007-01-22 15:42:36 W3SVC1 172.16.28.102 GET /Development/images/board_02.jpg - 80 -
Mozilla/4.0+(compatible;+MSIE+6.0;+Windows+NT+5.1;+SV1;+Avant+Browser;+.NET+CLR+1.1.
```

What time standard is used by IIS as seen in the screenshot?

A. UTC
B. GMT
C. TAI
D. UT

Answer: A

NEW QUESTION 816
- (Exam Topic 2)
What is the size value of a nibble?

A. 0.5 kilo byte
B. 0.5 bit
C. 0.5 byte
D. 2 bits

Answer: C

NEW QUESTION 819
- (Exam Topic 2)
Richard is extracting volatile data from a system and uses the command doskey/history. What is he trying to extract?

A. Events history
B. Previously typed commands
C. History of the browser
D. Passwords used across the system

Answer: B

NEW QUESTION 824
- (Exam Topic 2)
Where are files temporarily written in Unix when printing?

A. /usr/spool
B. /var/print
C. /spool
D. /var/spool

Answer: D

NEW QUESTION 827
- (Exam Topic 2)
In Windows Security Event Log, what does an event id of 530 imply?

A. Logon Failure – Unknown user name or bad password
B. Logon Failure – User not allowed to logon at this computer
C. Logon Failure – Account logon time restriction violation
D. Logon Failure – Account currently disabled

Answer: C

NEW QUESTION 828
- (Exam Topic 2)
In handling computer-related incidents, which IT role should be responsible for recovery, containment, and prevention to constituents?

A. Security Administrator
B. Network Administrator
C. Director of Information Technology
D. Director of Administration

Answer: B

NEW QUESTION 831
- (Exam Topic 2)
Heather, a computer forensics investigator, is assisting a group of investigators working on a large computer fraud case involving over 20 people. These 20 people, working in different offices, allegedly siphoned off money from many different client accounts. Heather responsibility is to find out how the accused people communicated between each other. She has searched their email and their computers and has not found any useful evidence. Heather then finds some possibly useful evidence under the desk of one of the accused.
In an envelope she finds a piece of plastic with numerous holes cut out of it. Heather then finds the same exact piece of plastic with holes at many of the other accused peoples desks. Heather believes that the 20 people involved in the case were using a cipher to send secret messages in between each other. What type of cipher was used by the accused in this case?

A. Grill cipher
B. Null cipher
C. Text semagram
D. Visual semagram

Answer: A

NEW QUESTION 832
- (Exam Topic 2)
Casey has acquired data from a hard disk in an open source acquisition format that allows her to generate compressed or uncompressed image files. What format did she use?

A. Portable Document Format
B. Advanced Forensics Format (AFF)
C. Proprietary Format
D. Raw Format

Answer: B

NEW QUESTION 836
- (Exam Topic 2)
What feature of Windows is the following command trying to utilize?

A. White space
B. AFS
C. ADS
D. Slack file

Answer: C

NEW QUESTION 839
- (Exam Topic 2)
Why is it still possible to recover files that have been emptied from the Recycle Bin on a Windows computer?

A. The data is still present until the original location of the file is used
B. The data is moved to the Restore directory and is kept there indefinitely
C. The data will reside in the L2 cache on a Windows computer until it is manually deleted
D. It is not possible to recover data that has been emptied from the Recycle Bin

Answer: A

NEW QUESTION 841
- (Exam Topic 2)
A master boot record (MBR) is the first sector ("sector zero") of a data storage device. What is the size of MBR?

A. Depends on the capacity of the storage device
B. 1048 Bytes
C. 4092 Bytes
D. 512 Bytes

Answer: D

NEW QUESTION 845
- (Exam Topic 2)
While looking through the IIS log file of a web server, you find the following entries:

```
2007-01-23 14:18:39 W3SVC1 172.16.28.102 GET /Development/index.asp
2007-01-23 14:18:39 W3SVC1 172.16.28.102 GET /login.asp?username=if ((select user)='sa' OR (select user)='dbo')
select 1 else select 1/0
2007-01-23 14:18:39 W3SVC1 172.16.28.102 GET /Developments/index_02.jpg
2007-01-23 14:18:39 W3SVC1 172.16.28.102 GET /Development/index_04.jpg
```

What is evident from this log file?

A. Web bugs
B. Cross site scripting
C. Hidden fields
D. SQL injection is possible

Answer: D

NEW QUESTION 846
- (Exam Topic 2)
If you are concerned about a high level of compression but not concerned about any possible data loss, what type of compression would you use?

A. Lossful compression
B. Lossy compression
C. Lossless compression
D. Time-loss compression

Answer: B

NEW QUESTION 847
- (Exam Topic 2)
Which of the following is an iOS Jailbreaking tool?

A. Kingo Android ROOT
B. Towelroot
C. One Click Root
D. Redsn0w

Answer: D

NEW QUESTION 850
- (Exam Topic 2)
Paraben Lockdown device uses which operating system to write hard drive data?

A. Mac OS
B. Red Hat
C. Unix
D. Windows

Answer: D

NEW QUESTION 854
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