

312-49v10 Dumps

Computer Hacking Forensic Investigator (CHFI-v10)

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NEW QUESTION 1

- (Exam Topic 3)

An International Mobile Equipment Identifier (IMEI) is a 15-digit number that indicates the manufacturer, model type, and country of approval for GSM devices. The first eight digits of an IMEI number that provide information about the model and origin of the mobile device is also known as:

- A. Type Allocation Code (TAC)
- B. Integrated Circuit Code (ICC)
- C. Manufacturer Identification Code (MIC)
- D. Device Origin Code (DOC)

Answer: A

NEW QUESTION 2

- (Exam Topic 3)

Which of the following stand true for BIOS Parameter Block?

- A. The BIOS Partition Block describes the physical layout of a data storage volume
- B. The BIOS Partition Block is the first sector of a data storage device
- C. The length of BIOS Partition Block remains the same across all the file systems
- D. The BIOS Partition Block always refers to the 512-byte boot sector

Answer: A

NEW QUESTION 3

- (Exam Topic 3)

The given image displays information about date and time of installation of the OS along with service packs, patches, and sub-directories. What command or tool did the investigator use to view this output?

- A. dir /o:d
- B. dir /o:s
- C. dir /o:e
- D. dir /o:n

Answer: A

NEW QUESTION 4

- (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 5

- (Exam Topic 3)

What technique is used by JPEGs for compression?

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

Answer: C

NEW QUESTION 6

- (Exam Topic 3)

A forensic examiner is examining a Windows system seized from a crime scene. During the examination of a suspect file, he discovered that the file is password protected. He tried guessing the password using the suspect's available information but without any success. Which of the following tool can help the investigator to solve this issue?

- A. Cain & Abel
- B. Xplico
- C. Recuva
- D. Colasoft's Capsa

Answer: A

NEW QUESTION 7

- (Exam Topic 3)

An attacker successfully gained access to a remote Windows system and plans to install persistent backdoors on it. Before that, to avoid getting detected in future, he wants to cover his tracks by disabling the last-accessed timestamps of the machine. What would he do to achieve this?

- A. Set the registry value of HKLM\SYSTEM\CurrentControlSet\Control\FileSystem\NtfsDisableLastAccessUpdate to 0
- B. Run the command fsutil behavior set disablelastaccess 0
- C. Set the registry value of HKLM\SYSTEM\CurrentControlSet\Control\FileSystem\NtfsDisableLastAccessUpdate to 1
- D. Run the command fsutil behavior set enablelastaccess 0

Answer: C

NEW QUESTION 8

- (Exam Topic 3)

Chong-lee, a forensics executive, suspects that a malware is continuously making copies of files and folders on a victim system to consume the available disk space. What type of test would confirm his claim?

- A. File fingerprinting
- B. Identifying file obfuscation
- C. Static analysis
- D. Dynamic analysis

Answer: A

NEW QUESTION 9

- (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 10

- (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 10

- (Exam Topic 3)

Which of these ISO standards define the file system for optical storage media, such as CD-ROM and DVD-ROM?

- A. ISO 9660
- B. ISO 13346
- C. ISO 9960
- D. ISO 13490

Answer: A

NEW QUESTION 15

- (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 19

- (Exam Topic 3)

While collecting Active Transaction Logs using SQL Server Management Studio, the query `Select * from ::fn_dblog(NULL, NULL)` displays the active portion of the transaction log file. Here, assigning NULL values implies?

- A. Start and end points for log sequence numbers are specified
- B. Start and end points for log files are not specified
- C. Start and end points for log files are specified
- D. Start and end points for log sequence numbers are not specified

Answer: B

NEW QUESTION 23

- (Exam Topic 3)

Which of the following attack uses HTML tags like `<script></script>`?

- A. Phishing
- B. XSS attack
- C. SQL injection
- D. Spam

Answer: B

NEW QUESTION 26

- (Exam Topic 3)

Which U.S. law sets the rules for sending emails for commercial purposes, establishes the minimum requirements for commercial messaging, gives the recipients of emails the right to ask the senders to stop emailing them, and spells out the penalties in case the above said rules are violated?

- A. NO-SPAM Act
- B. American: NAVSO P-5239-26 (RLL)
- C. CAN-SPAM Act
- D. American: DoD 5220.22-M

Answer: C

NEW QUESTION 31

- (Exam Topic 3)

What do you call the process in which an attacker uses magnetic field over the digital media device to delete any previously stored data?

- A. Disk deletion
- B. Disk cleaning
- C. Disk degaussing
- D. Disk magnetization

Answer: C

NEW QUESTION 36

- (Exam Topic 3)

What document does the screenshot represent?

- A. Expert witness form
- B. Search warrant form
- C. Chain of custody form
- D. Evidence collection form

Answer: D

NEW QUESTION 41

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 45

- (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 50

- (Exam Topic 3)

UEFI is a specification that defines a software interface between an OS and platform firmware. Where does this interface store information about files present on a disk?

- A. BIOS-MBR
- B. GUID Partition Table (GPT)
- C. Master Boot Record (MBR)
- D. BIOS Parameter Block

Answer: B

NEW QUESTION 52

- (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 57

- (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 59

- (Exam Topic 3)

What do you call the process of studying the changes that have taken place across a system or a machine after a series of actions or incidents?

- A. Windows Services Monitoring
- B. System Baselineing
- C. Start-up Programs Monitoring
- D. Host integrity Monitoring

Answer: D

NEW QUESTION 61

- (Exam Topic 3)

Adam, a forensic analyst, is preparing VMs for analyzing a malware. Which of the following is NOT a best practice?

- A. Isolating the host device
- B. Installing malware analysis tools
- C. Using network simulation tools
- D. Enabling shared folders

Answer: D

NEW QUESTION 63

- (Exam Topic 3)

For what purpose do the investigators use tools like iPhoneBrowser, iFunBox, OpenSSHSSH, and iMazing?

- A. Bypassing iPhone passcode
- B. Debugging iPhone
- C. Rooting iPhone
- D. Copying contents of iPhone

Answer: A

NEW QUESTION 68

- (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 69

- (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 71

- (Exam Topic 3)

An investigator has found certain details after analysis of a mobile device. What can reveal the manufacturer information?

- A. Equipment Identity Register (EIR)
- B. Electronic Serial Number (ESN)
- C. International mobile subscriber identity (IMSI)
- D. Integrated circuit card identifier (ICCID)

Answer: B

NEW QUESTION 72

- (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 77

- (Exam Topic 3)

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

- A. tcp.port = 23
- B. tcp.port == 21
- C. tcp.port == 21 || tcp.port == 22
- D. tcp.port != 21

Answer: B

NEW QUESTION 79

- (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 82

- (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 84

- (Exam Topic 3)

Which ISO Standard enables laboratories to demonstrate that they comply with quality assurance and provide valid results?

- A. ISO/IEC 16025
- B. ISO/IEC 18025
- C. ISO/IEC 19025
- D. ISO/IEC 17025

Answer: D

NEW QUESTION 85

- (Exam Topic 3)

Jim's company regularly performs backups of their critical servers. But the company can't afford to send backup tapes to an off-site vendor for long term storage and archiving. Instead Jim's company keeps the backup tapes in a safe in the office. Jim's company is audited each year, and the results from this year's audit show a risk because backup tapes aren't stored off-site. The Manager of Information Technology has a plan to take the backup tapes home with him and wants to know what two things he can do to secure the backup tapes while in transit?

- A. Encrypt the backup tapes and use a courier to transport them.
- B. Encrypt the backup tapes and transport them in a lock box
- C. Degauss the backup tapes and transport them in a lock box.
- D. Hash the backup tapes and transport them in a lock box.

Answer: B

NEW QUESTION 86

- (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 91

- (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 94

- (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 95

- (Exam Topic 3)

The Apache server saves diagnostic information and error messages that it encounters while processing requests. The default path of this file is usr/local/apache/logs/error.log in Linux. Identify the Apache error log from the following logs.

- A. http://victim.com/scripts/..%c0%af../..%c0%af../..%c0%af../..%c0%af../..%c0%af../..%c0%af../..%c0%af../..%c0%af../winnt/system32/cmd.exe?/c+dir+C:\Winnt\system32\Logfiles\W3SVC1
- B. [Wed Oct 11 14:32:52 2000] [error] [client 127.0.0.1] client denied by server configuration:/export/home/live/ap/htdocs/test
- C. 127.0.0.1 - frank [10/Oct/2000:13:55:36 -0700]"GET /apache_pb.gif HTTP/1.0" 200 2326
- D. 127.0.0.1 - - [10/Apr/2007:10:39:11 +0300]] [error] "GET /apache_pb.gif HTTP/1.0" 200 2326

Answer: B

NEW QUESTION 98

- (Exam Topic 3)

Which command can provide the investigators with details of all the loaded modules on a Linux-based system?

- A. list modules -a
- B. lsmod
- C. plist mod -a
- D. lsof -m

Answer: B

NEW QUESTION 100

- (Exam Topic 3)

Hard disk data addressing is a method of allotting addresses to each _____ of data on a hard disk.

- A. Physical block
- B. Operating system block
- C. Hard disk block
- D. Logical block

Answer: A

NEW QUESTION 101

- (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 102

- (Exam Topic 3)

What does the bytes 0x0B-0x53 represent in the boot sector of NTFS volume on Windows 2000?

- A. Jump instruction and the OEM ID
- B. BIOS Parameter Block (BPB) and the OEM ID
- C. BIOS Parameter Block (BPB) and the extended BPB
- D. Bootstrap code and the end of the sector marker

Answer: C

NEW QUESTION 105

- (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 109

- (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 113

- (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 116

- (Exam Topic 3)

Examination of a computer by a technically unauthorized person will almost always result in:

- A. Rendering any evidence found inadmissible in a court of law
- B. Completely accurate results of the examination
- C. The chain of custody being fully maintained
- D. Rendering any evidence found admissible in a court of law

Answer: A

NEW QUESTION 117

- (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 118

- (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 119

- (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 124

- (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 127

- (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 130

- (Exam Topic 3)

Smith is an IT technician that has been appointed to his company's network vulnerability assessment team. He is the only IT employee on the team. The other team members include employees from Accounting, Management, Shipping, and Marketing. Smith and the team members are having their first meeting to discuss how they will proceed. What is the first step they should do to create the network vulnerability assessment plan?

- A. Their first step is to make a hypothesis of what their final findings will be.
- B. Their first step is to create an initial Executive report to show the management team.
- C. Their first step is to analyze the data they have currently gathered from the company or interviews.
- D. Their first step is the acquisition of required documents, reviewing of security policies and compliance.

Answer: D

NEW QUESTION 132

- (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 137

- (Exam Topic 3)

Which forensic investigation methodology believes that criminals commit crimes solely to benefit their criminal enterprises?

- A. Scientific Working Group on Digital Evidence
- B. Daubert Standard
- C. Enterprise Theory of Investigation
- D. Fyre Standard

Answer: C

NEW QUESTION 138

- (Exam Topic 3)

Which of the following ISO standard defines file systems and protocol for exchanging data between optical disks?

- A. ISO 9660
- B. ISO/IEC 13940
- C. ISO 9060
- D. IEC 3490

Answer: A

NEW QUESTION 139

- (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 144

- (Exam Topic 3)

Tasklist command displays a list of applications and services with their Process ID (PID) for all tasks running on either a local or a remote computer. Which of the following tasklist commands provides information about the listed processes, including the image name, PID, name, and number of the session for the process?

- A. tasklist /p

- B. tasklist /v
- C. tasklist /u
- D. tasklist /s

Answer: B

NEW QUESTION 147

- (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 150

- (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 152

- (Exam Topic 3)

Identify the file system that uses \$BitMap file to keep track of all used and unused clusters on a volume.

- A. NTFS
- B. FAT
- C. EXT
- D. FAT32

Answer: A

NEW QUESTION 155

- (Exam Topic 3)

Which of the following is NOT a physical evidence?

- A. Removable media
- B. Cables
- C. Image file on a hard disk
- D. Publications

Answer: C

NEW QUESTION 156

- (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 159

- (Exam Topic 3)

Which of the following Windows-based tool displays who is logged onto a computer, either locally or remotely?

- A. Tokenmon
- B. PSLoggedon
- C. TCPView
- D. Process Monitor

Answer: B

NEW QUESTION 160

- (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 164

- (Exam Topic 3)

Which of the following is NOT an anti-forensics technique?

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

Answer: A

NEW QUESTION 168

- (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 173

- (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 175

- (Exam Topic 3)

BMP (Bitmap) is a standard file format for computers running the Windows operating system. BMP images can range from black and white (1 bit per pixel) up to 24 bit color (16.7 million colors). Each bitmap file contains a header, the RGBQUAD array, information header, and image data. Which of the following element specifies the dimensions, compression type, and color format for the bitmap?

- A. Information header
- B. Image data
- C. The RGBQUAD array
- D. Header

Answer: A

NEW QUESTION 176

- (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 181

- (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 183

- (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 188

- (Exam Topic 3)

What does Locard's Exchange Principle state?

- A. Any information of probative value that is either stored or transmitted in a digital form
- B. Digital evidence must have some characteristics to be disclosed in the court of law
- C. Anyone or anything, entering a crime scene takes something of the scene with them, and leaves something of themselves behind when they leave
- D. Forensic investigators face many challenges during forensics investigation of a digital crime, such as extracting, preserving, and analyzing the digital evidence

Answer: C

NEW QUESTION 189

- (Exam Topic 3)

Which of the following file formats allows the user to compress the acquired data as well as keep it randomly accessible?

- A. Proprietary Format
- B. Generic Forensic Zip (gfwzip)
- C. Advanced Forensic Framework 4
- D. Advanced Forensics Format (AFF)

Answer: B

NEW QUESTION 192

- (Exam Topic 3)

What must an attorney do first before you are called to testify as an expert?

- A. Qualify you as an expert witness
- B. Read your curriculum vitae to the jury
- C. Engage in damage control
- D. Prove that the tools you used to conduct your examination are perfect

Answer: A

NEW QUESTION 193

- (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 196

- (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 201

- (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 202

- (Exam Topic 3)

Email archiving is a systematic approach to save and protect the data contained in emails so that it can be accessed fast at a later date. There are two main archive types, namely Local Archive and Server Storage Archive. Which of the following statements is correct while dealing with local archives?

- A. Server storage archives are the server information and settings stored on a local system, whereas the local archives are the local email client information stored on the mail server
- B. It is difficult to deal with the webmail as there is no offline archive in most case
- C. So consult your counsel on the case as to the best way to approach and gain access to the required data on servers
- D. Local archives should be stored together with the server storage archives in order to be admissible in a court of law
- E. Local archives do not have evidentiary value as the email client may alter the message data

Answer: B

NEW QUESTION 205

- (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 210

- (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 211

- (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 215

- (Exam Topic 2)

Madison is on trial for allegedly breaking into her university's internal network. The police raided her dorm room and seized all of her computer equipment. Madison's lawyer is trying to convince the judge that the seizure was unfounded and baseless. Under which US Amendment is Madison's lawyer trying to prove the police violated?

- A. The 4th Amendment
- B. The 1st Amendment
- C. The 10th Amendment
- D. The 5th Amendment

Answer: A

NEW QUESTION 216

- (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 218

- (Exam Topic 2)

Given the drive dimensions as follows and assuming a sector has 512 bytes, what is the capacity of the described hard drive?

22,164 cylinders/disk

80 heads/cylinder

63 sectors/track

- A. 53.26 GB
- B. 57.19 GB
- C. 11.17 GB
- D. 10 GB

Answer: A

NEW QUESTION 221

- (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 225

- (Exam Topic 2)

Data is striped at a byte level across multiple drives, and parity information is distributed among all member drives.

What RAID level is represented here?

- A. RAID Level 0
- B. RAID Level 5
- C. RAID Level 3
- D. RAID Level 1

Answer: B

NEW QUESTION 226

- (Exam Topic 2)

Madison is on trial for allegedly breaking into her university internal network. The police raided her dorm room and seized all of her computer equipment. Madison lawyer is trying to convince the judge that the seizure was unfounded and baseless. Under which US Amendment is Madison lawyer trying to prove the police violated?

- A. The 10th Amendment
- B. The 5th Amendment
- C. The 1st Amendment
- D. The 4th Amendment

Answer: D

NEW QUESTION 227

- (Exam Topic 2)

After attending a CEH security seminar, you make a list of changes you would like to perform on your network to increase its security. One of the first things you change is to switch the RestrictAnonymous setting from 0 to 1 on your servers. This, as you were told, would prevent anonymous users from establishing a null session on the server. Using Userinfo tool mentioned at the seminar, you succeed in establishing a null session with one of the servers. Why is that?

- A. RestrictAnonymous must be set to "10" for complete security
- B. RestrictAnonymous must be set to "3" for complete security
- C. RestrictAnonymous must be set to "2" for complete security
- D. There is no way to always prevent an anonymous null session from establishing

Answer: C

NEW QUESTION 229

- (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 234

- (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 239

- (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 241

- (Exam Topic 2)

What must an investigator do before disconnecting an iPod from any type of computer?

- A. Unmount the iPod
- B. Mount the iPod
- C. Disjoin the iPod
- D. Join the iPod

Answer: A

NEW QUESTION 244

- (Exam Topic 2)

Which of the following commands shows you the names of all open shared files on a server and the number of file locks on each file?

- A. Net config
- B. Net file
- C. Net share
- D. Net sessions

Answer: B

NEW QUESTION 248

- (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 252

- (Exam Topic 2)

The surface of a hard disk consists of several concentric rings known as tracks; each of these tracks has smaller partitions called disk blocks. What is the size of each block?

- A. 512 bits
- B. 512 bytes
- C. 256 bits
- D. 256 bytes

Answer: B

NEW QUESTION 253

- (Exam Topic 2)

Pagefile.sys is a virtual memory file used to expand the physical memory of a computer. Select the registry path for the page file:

- A. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Memory Management
- B. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\System Management
- C. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Device Management
- D. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Memory Management\PrefetchParameters

Answer: A

NEW QUESTION 256

- (Exam Topic 2)

An executive has leaked the company trade secrets through an external drive. What process should the investigation team take if they could retrieve his system?

- A. Postmortem Analysis
- B. Real-Time Analysis
- C. Packet Analysis
- D. Malware Analysis

Answer: A

NEW QUESTION 259

- (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 264

- (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 268

- (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 273

- (Exam Topic 2)

The following is a log file screenshot from a default installation of IIS 6.0.

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

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

Answer: A

NEW QUESTION 275

- (Exam Topic 2)

Using Internet logging software to investigate a case of malicious use of computers, the investigator comes across some entries that appear odd.

From the log, the investigator can see where the person in question went on the Internet. From the log, it appears that the user was manually typing in different user ID numbers. What technique this user was trying?

- A. Parameter tampering
- B. Cross site scripting
- C. SQL injection
- D. Cookie Poisoning

Answer: A

NEW QUESTION 276

- (Exam Topic 2)

What must be obtained before an investigation is carried out at a location?

- A. Search warrant
- B. Subpoena
- C. Habeas corpus
- D. Modus operandi

Answer: A

NEW QUESTION 278

- (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 279

- (Exam Topic 2)

What does the part of the log, "% SEC-6-IPACCESSLOGP", extracted from a Cisco router represent?

- A. The system was not able to process the packet because there was not enough room for all of the desired IP header options
- B. Immediate action required messages
- C. Some packet-matching logs were missed because the access list log messages were rate limited, or no access list log buffers were available
- D. A packet matching the log criteria for the given access list has been detected (TCP or UDP)

Answer: D

NEW QUESTION 280

- (Exam Topic 2)

How will you categorize a cybercrime that took place within a CSP's cloud environment?

- A. Cloud as a Subject
- B. Cloud as a Tool
- C. Cloud as an Audit
- D. Cloud as an Object

Answer: D

NEW QUESTION 284

- (Exam Topic 2)

An expert witness is a _____ who is normally appointed by a party to assist the formulation and preparation of a party's claim or defense.

- A. Expert in criminal investigation
- B. Subject matter specialist
- C. Witness present at the crime scene
- D. Expert law graduate appointed by attorney

Answer: B

NEW QUESTION 286

- (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 289

- (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 291

- (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 293

- (Exam Topic 2)

What is the slave device connected to the secondary IDE controller on a Linux OS referred to?

- A. hda
- B. hdd
- C. hdb
- D. hdc

Answer: B

NEW QUESTION 297

- (Exam Topic 2)

A picture file is recovered from a computer under investigation. During the investigation process, the file is enlarged 500% to get a better view of its contents. The picture quality is not degraded at all from this process. What kind of picture is this file. What kind of picture is this file?

- A. Raster image
- B. Vector image
- C. Metafile image
- D. Catalog image

Answer: B

NEW QUESTION 300

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

Answer: D

NEW QUESTION 302

- (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 303

- (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 306

- (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 310

- (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 311

- (Exam Topic 2)

John is working as a computer forensics investigator for a consulting firm in Canada. He is called to seize a computer at a local web caf purportedly used as a botnet server. John thoroughly scans the computer and finds nothing that would lead him to think the computer was a botnet server. John decides to scan the virtual memory of the computer to possibly find something he had missed. What information will the virtual memory scan produce?

- A. It contains the times and dates of when the system was last patched
- B. It is not necessary to scan the virtual memory of a computer
- C. It contains the times and dates of all the system files
- D. Hidden running processes

Answer: D

NEW QUESTION 313

- (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 316

- (Exam Topic 2)

When needing to search for a website that is no longer present on the Internet today but was online few years back, what site can be used to view the website collection of pages?

- A. Proxify.net
- B. Dnsstuff.com
- C. Samspace.org
- D. Archive.org

Answer: D

NEW QUESTION 320

- (Exam Topic 2)

Harold is a computer forensics investigator working for a consulting firm out of Atlanta Georgia. Harold is called upon to help with a corporate espionage case in Miami Florida. Harold assists in the investigation by pulling all the data from the computers allegedly used in the illegal activities. He finds that two suspects in the company were stealing sensitive corporate information and selling it to competing companies. From the email and instant messenger logs recovered, Harold has discovered that the two employees notified the buyers by writing symbols on the back of specific stop signs. This way, the buyers knew when and where to meet with the alleged suspects to buy the stolen material. What type of steganography did these two suspects use?

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

Answer: B

NEW QUESTION 323

- (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 324

- (Exam Topic 2)

Annie is searching for certain deleted files on a system running Windows XP OS. Where will she find the files if they were not completely deleted from the system?

- A. C: \$Recycled.Bin
- B. C: \ \$Recycle.Bin
- C. C:\RECYCLER
- D. C:\\$RECYCLER

Answer: B

NEW QUESTION 327

- (Exam Topic 2)

Charles has accidentally deleted an important file while working on his Mac computer. He wants to recover the deleted file as it contains some of his crucial business secrets. Which of the following tool will help Charles?

- A. Xplico
- B. Colasoft's Capsa
- C. FileSalvage
- D. DriveSpy

Answer: C

NEW QUESTION 329

- (Exam Topic 2)

A forensics investigator is searching the hard drive of a computer for files that were recently moved to the Recycle Bin. He searches for files in C:\RECYCLED using a command line tool but does not find anything. What is the reason for this?

- A. He should search in C:\Windows\System32\RECYCLED folder
- B. The Recycle Bin does not exist on the hard drive
- C. The files are hidden and he must use switch to view them
- D. Only FAT system contains RECYCLED folder and not NTFS

Answer: C

NEW QUESTION 330

- (Exam Topic 2)

Travis, a computer forensics investigator, is finishing up a case he has been working on for over a month involving copyright infringement and embezzlement. His last task is to prepare an investigative report for the president of the company he has been working for. Travis must submit a hard copy and an electronic copy to this president. In what electronic format should Travis send this report?

- A. TIFF-8
- B. DOC
- C. WPD
- D. PDF

Answer: D

NEW QUESTION 334

- (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 337

- (Exam Topic 2)

When marking evidence that has been collected with the "aaa/ddmmyy/nnnn/zz" format, what does the "nnnn" denote?

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

Answer: D

NEW QUESTION 342

- (Exam Topic 2)

All Blackberry email is eventually sent and received through what proprietary RIM-operated mechanism?

- A. Blackberry Message Center
- B. Microsoft Exchange
- C. Blackberry WAP gateway
- D. Blackberry WEP gateway

Answer: A

NEW QUESTION 347

- (Exam Topic 2)

What method of copying should always be performed first before carrying out an investigation?

- A. Parity-bit copy
- B. Bit-stream copy
- C. MS-DOS disc copy
- D. System level copy

Answer: B

NEW QUESTION 348

- (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 349

- (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 351

- (Exam Topic 2)

Shane has started the static analysis of a malware and is using the tool ResourcesExtract to find more details of the malicious program. What part of the analysis is he performing?

- A. Identifying File Dependencies
- B. Strings search
- C. Dynamic analysis
- D. File obfuscation

Answer: B

NEW QUESTION 353

- (Exam Topic 2)

Jacky encrypts her documents using a password. It is known that she uses her daughter's year of birth as part of the password. Which password cracking technique would be optimal to crack her password?

- A. Rule-based attack
- B. Brute force attack
- C. Syllable attack
- D. Hybrid attack

Answer: A

NEW QUESTION 354

- (Exam Topic 2)

Which of the following file contains the traces of the applications installed, run, or uninstalled from a system?

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

Answer: A

NEW QUESTION 357

- (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 360

- (Exam Topic 2)

An investigator is searching through the firewall logs of a company and notices ICMP packets that are larger than 65,536 bytes. What type of activity is the investigator seeing?

- A. Smurf
- B. Ping of death
- C. Fraggle
- D. Nmap scan

Answer: B

NEW QUESTION 363

- (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 368

- (Exam Topic 2)

Files stored in the Recycle Bin in its physical location are renamed as Dxy.ext, where “x” represents the _____.

- A. Drive name
- B. Original file name’s extension
- C. Sequential number
- D. Original file name

Answer: A

NEW QUESTION 369

- (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 373

- (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 376

- (Exam Topic 2)

Which of the following tool can the investigator use to analyze the network to detect Trojan activities?

- A. Regshot
- B. TRIPWIRE
- C. RAM Computer
- D. Capsa

Answer: D

NEW QUESTION 378

- (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 380

- (Exam Topic 2)

Which US law does the interstate or international transportation and receiving of child pornography fall under?

- A. §18. U.S.
- B. 1466A
- C. §18. U.S.C 252
- D. §18. U.S.C 146A
- E. §18. U.S.C 2252

Answer: D

NEW QUESTION 381

- (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 386

- (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 388

- (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 390

- (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 393

- (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 398

- (Exam Topic 2)

Watson, a forensic investigator, is examining a copy of an ISO file stored in CDFS format. What type of evidence is this?

- A. Data from a CD copied using Windows
- B. Data from a CD copied using Mac-based system
- C. Data from a DVD copied using Windows system
- D. Data from a CD copied using Linux system

Answer: A

NEW QUESTION 400

- (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 401

- (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 405

- (Exam Topic 1)

What happens when a file is deleted by a Microsoft operating system using the FAT file system?

- A. only the reference to the file is removed from the FAT
- B. the file is erased and cannot be recovered
- C. a copy of the file is stored and the original file is erased
- D. the file is erased but can be recovered

Answer: A

NEW QUESTION 406

- (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 410

- (Exam Topic 1)

After passively scanning the network of Department of Defense (DoD), you switch over to active scanning to identify live hosts on their network. DoD is a large organization and should respond to any number of scans. You start an ICMP ping sweep by sending an IP packet to the broadcast address. Only five hosts respond to your ICMP pings; definitely not the number of hosts you were expecting. Why did this ping sweep only produce a few responses?

- A. Only IBM AS/400 will reply to this scan
- B. Only Windows systems will reply to this scan
- C. A switched network will not respond to packets sent to the broadcast address
- D. Only Unix and Unix-like systems will reply to this scan

Answer: D

NEW QUESTION 412

- (Exam Topic 1)

Corporate investigations are typically easier than public investigations because:

- A. the users have standard corporate equipment and software
- B. the investigator does not have to get a warrant
- C. the investigator has to get a warrant
- D. the users can load whatever they want on their machines

Answer: B

NEW QUESTION 413

- (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 414

- (Exam Topic 1)

George is a senior security analyst working for a state agency in Florida. His state's congress just passed a bill mandating every state agency to undergo a security audit annually. After learning what will be required, George needs to implement an IDS as soon as possible before the first audit occurs. The state bill requires that an IDS with a "time-based induction machine" be used.

What IDS feature must George implement to meet this requirement?

- A. Signature-based anomaly detection
- B. Pattern matching
- C. Real-time anomaly detection
- D. Statistical-based anomaly detection

Answer: C

NEW QUESTION 415

- (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 420

- (Exam Topic 1)

Which of the following is NOT a graphics file?

- A. Picture1.tga
- B. Picture2.bmp
- C. Picture3.nfo
- D. Picture4.psd

Answer: C

NEW QUESTION 421

- (Exam Topic 1)

When monitoring for both intrusion and security events between multiple computers, it is essential that the computers' clocks are synchronized. Synchronized time allows an administrator to reconstruct what took place during an attack against multiple computers. Without synchronized time, it is very difficult to determine exactly when specific events took place, and how events interlace. What is the name of the service used to synchronize time among multiple computers?

- A. Universal Time Set
- B. Network Time Protocol
- C. SyncTime Service
- D. Time-Sync Protocol

Answer: B

NEW QUESTION 424

- (Exam Topic 1)

If an attacker's computer sends an IPID of 31400 to a zombie computer on an open port in IDLE scanning, what will be the response?

- A. The zombie will not send a response
- B. 31402
- C. 31399
- D. 31401

Answer: D

NEW QUESTION 427

- (Exam Topic 1)

What binary coding is used most often for e-mail purposes?

- A. MIME
- B. Uuencode
- C. IMAP
- D. SMTP

Answer: A

NEW QUESTION 428

- (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 431

- (Exam Topic 1)

Office documents (Word, Excel, 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. the Microsoft Virtual Machine Identifier
- B. the Personal Application Protocol
- C. the Globally Unique ID
- D. the Individual ASCII String

Answer: C

NEW QUESTION 433

- (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 435

- (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 439

- (Exam Topic 1)

You have compromised a lower-level administrator account on an Active Directory network of a small company in Dallas, Texas. You discover Domain Controllers through enumeration. You connect to one of the Domain Controllers on port 389 using ldp.exe. What are you trying to accomplish here?

- A. Poison the DNS records with false records
- B. Enumerate MX and A records from DNS
- C. Establish a remote connection to the Domain Controller
- D. Enumerate domain user accounts and built-in groups

Answer: D

NEW QUESTION 444

- (Exam Topic 1)

When an investigator contacts by telephone the domain administrator or controller listed by a Who is lookup to request all e-mails sent and received for a user account be preserved, what U.S.C. statute authorizes this phone call and obligates the ISP to preserve e-mail records?

- A. Title 18, Section 1030
- B. Title 18, Section 2703(d)
- C. Title 18, Section Chapter 90

D. Title 18, Section 2703(f)

Answer: D

NEW QUESTION 447

- (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 448

- (Exam Topic 1)

James is testing the ability of his routers to withstand DoS attacks. James sends ICMP ECHO requests to the broadcast address of his network. What type of DoS attack is James testing against his network?

- A. Smurf
- B. Trinoo
- C. Fraggle
- D. SYN flood

Answer: A

NEW QUESTION 449

- (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 451

- (Exam Topic 1)

Study the log given below and answer the following question:

```
Apr 24 14:46:46 [4663]: spp_portscan: portscan detected from 194.222.156.169
Apr 24 14:46:46 [4663]: IDS27/FIN Scan: 194.222.156.169:56693 -> 172.16.1.107:482
Apr 24 18:01:05 [4663]: IDS/DNS-version-query: 212.244.97.121:3485 -> 172.16.1.107:53
Apr 24 19:04:01 [4663]: IDS213/ftp-passwd-retrieval: 194.222.156.169:1425 -> 172.16.1.107:21
Apr 25 08:02:41 [5875]: spp_portscan: PORTSCAN DETECTED from 24.9.255.53
Apr 25 02:08:07 [5875]: IDS277/DNS-version-query: 63.226.81.13:4499 -> 172.16.1.107:53
Apr 25 02:08:07 [5875]: IDS277/DNS-version-query: 63.226.81.13:4630 -> 172.16.1.101:53
Apr 25 02:38:17 [5875]: IDS/RPC-rpcinfo-query: 212.251.1.94:642 -> 172.16.1.107:111
Apr 25 19:37:32 [5875]: IDS230/web-cgi-space-wildcard: 198.173.35.164:4221 -> 172.16.1.107:80
Apr 26 05:45:12 [6283]: IDS212/dns-zone-transfer: 38.31.107.87:2291 -> 172.16.1.101:53
Apr 26 06:43:05 [6283]: IDS181/nops-x86: 63.226.81.13:1351 -> 172.16.1.107:53
Apr 26 06:44:25 victim7 PAM_pwd[12509]: (login) session opened for user simple by (uid=0)
Apr 26 06:44:36 victim7 PAM_pwd[12521]: (su) session opened for user simon by simple(uid=506) Apr 26 06:45:34 [6283]: IDS175/socks-probe:
24.112.167.35:20 -> 172.16.1.107:1080
Apr 26 06:52:10 [6283]: IDS127/telnet-login-incorrect: 172.16.1.107:23 -> 213.28.22.189:4558
```

Precautionary measures to prevent this attack would include writing firewall rules. Of these firewall rules, which among the following would be appropriate?

- A. Disallow UDP53 in from outside to DNS server
- B. Allow UDP53 in from DNS server to outside
- C. Disallow TCP53 in from secondaries or ISP server to DNS server
- D. Block all UDP traffic

Answer: A

NEW QUESTION 453

- (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 456

- (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 460

- (Exam Topic 1)

George is the network administrator of a large Internet company on the west coast. Per corporate policy, none of the employees in the company are allowed to use FTP or SFTP programs without obtaining approval from the IT department. Few managers are using SFTP program on their computers. Before talking to his boss, George wants to have some proof of their activity. George wants to use Ethereal to monitor network traffic, but only SFTP traffic to and from his network. What filter should George use in Ethereal?

- A. src port 23 and dst port 23
- B. udp port 22 and host 172.16.28.1/24
- C. net port 22
- D. src port 22 and dst port 22

Answer: D

NEW QUESTION 465

- (Exam Topic 1)

When obtaining a warrant, it is important to:

- A. particularly describe the place to be searched and particularly describe the items to be seized
- B. generally describe the place to be searched and particularly describe the items to be seized
- C. generally describe the place to be searched and generally describe the items to be seized
- D. particularly describe the place to be searched and generally describe the items to be seized

Answer: A

NEW QUESTION 468

- (Exam Topic 1)

Sectors in hard disks typically contain how many bytes?

- A. 256
- B. 512
- C. 1024
- D. 2048

Answer: B

NEW QUESTION 471

- (Exam Topic 1)

- A. 202
- B. 404
- C. 505
- D. 909

Answer: B

NEW QUESTION 474

- (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 478

- (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 482

- (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 486

- (Exam Topic 1)

The police believe that Melvin Matthew has been obtaining unauthorized access to computers belonging to numerous computer software and computer operating systems manufacturers, cellular telephone manufacturers, Internet Service Providers and Educational Institutions. They also suspect that he has been stealing, copying and misappropriating proprietary computer software belonging to the several victim companies. What is preventing the police from breaking down the suspects door and searching his home and seizing all of his computer equipment if they have not yet obtained a warrant?

- A. The Fourth Amendment
- B. The USA patriot Act
- C. The Good Samaritan Laws
- D. The Federal Rules of Evidence

Answer: A

NEW QUESTION 489

- (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 494

- (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 496

- (Exam Topic 1)

What are the security risks of running a "repair" installation for Windows XP?

- A. Pressing Shift+F10 gives the user administrative rights
- B. Pressing Shift+F1 gives the user administrative rights
- C. Pressing Ctrl+F10 gives the user administrative rights
- D. There are no security risks when running the "repair" installation for Windows XP

Answer: A

NEW QUESTION 497

- (Exam Topic 1)

Microsoft Outlook maintains email messages in a proprietary format in what type of file?

- A. .email
- B. .mail
- C. .pst
- D. .doc

Answer: C

NEW QUESTION 502

- (Exam Topic 1)

The newer Macintosh Operating System is based on:

- A. OS/2
- B. BSD Unix
- C. Linux
- D. Microsoft Windows

Answer: B

NEW QUESTION 504

- (Exam Topic 1)

A law enforcement officer may only search for and seize criminal evidence with _____, which are facts or circumstances that would lead a reasonable person to believe a crime has been committed or is about to be committed, evidence of the specific crime exists and the evidence of the specific crime exists at the place to be searched.

- A. Mere Suspicion
- B. A preponderance of the evidence
- C. Probable cause
- D. Beyond a reasonable doubt

Answer: C

NEW QUESTION 509

- (Exam Topic 1)

You are called in to assist the police in an investigation involving a suspected drug dealer. The suspects house was searched by the police after a warrant was obtained and they located a floppy disk in the suspects bedroom. The disk contains several files, but they appear to be password protected. What are two common methods used by password cracking software that you can use to obtain the password?

- A. Limited force and library attack
- B. Brute Force and dictionary Attack
- C. Maximum force and thesaurus Attack
- D. Minimum force and appendix Attack

Answer: B

NEW QUESTION 514

- (Exam Topic 1)

You work as an IT security auditor hired by a law firm in Boston to test whether you can gain access to sensitive information about the company clients. You have rummaged through their trash and found very little information. You do not want to set off any alarms on their network, so you plan on performing passive foot printing against their Web servers. What tool should you use?

- A. Ping sweep
- B. Nmap
- C. Netcraft
- D. Dig

Answer: C

NEW QUESTION 519

- (Exam Topic 1)

You are working for a local police department that services a population of 1,000,000 people and you have been given the task of building a computer forensics lab. How many law-enforcement computer investigators should you request to staff the lab?

- A. 8
- B. 1
- C. 4
- D. 2

Answer: C

NEW QUESTION 524

- (Exam Topic 1)

Jason has set up a honeypot environment by creating a DMZ that has no physical or logical access to his production network. In this honeypot, he has placed a server running Windows Active Directory. He has also placed a Web server in the DMZ that services a number of web pages that offer visitors a chance to download sensitive information by clicking on a button. A week later, Jason finds in his network logs how an intruder accessed the honeypot and downloaded sensitive information. Jason uses the logs to try and prosecute the intruder for stealing sensitive corporate information. Why will this not be viable?

- A. Entrapment
- B. Enticement
- C. Intruding into a honeypot is not illegal
- D. Intruding into a DMZ is not illegal

Answer: A

NEW QUESTION 528

- (Exam Topic 1)

You have been asked to investigate after a user has reported a threatening e-mail they have received from an external source. Which of the following are you most interested in when trying to trace the source of the message?

- A. The X509 Address
- B. The SMTP reply Address
- C. The E-mail Header
- D. The Host Domain Name

Answer: C

NEW QUESTION 533

- (Exam Topic 1)

You have used a newly released forensic investigation tool, which doesn't meet the Daubert Test, during a case. The case has ended-up in court. What argument could the defense make to weaken your case?

- A. The tool hasn't been tested by the International Standards Organization (ISO)
- B. Only the local law enforcement should use the tool
- C. The tool has not been reviewed and accepted by your peers
- D. You are not certified for using the tool

Answer: C

NEW QUESTION 536

- (Exam Topic 1)

Hackers can gain access to Windows Registry and manipulate user passwords, DNS settings, access rights or others features that they may need in order to accomplish their objectives. One simple method for loading an application at startup is to add an entry (Key) to the following Registry Hive:

- A. HKEY_LOCAL_MACHINE\hardware\windows\start
- B. HKEY_LOCAL_USERS\Software\Microsoft\old\Version\Load
- C. HKEY_CURRENT_USER\Microsoft\Default
- D. HKEY_LOCAL_MACHINE\Software\Microsoft\CurrentVersion\Run

Answer: D

NEW QUESTION 537

- (Exam Topic 1)

What TCP/UDP port does the toolkit program netstat use?

- A. Port 7
- B. Port 15
- C. Port 23
- D. Port 69

Answer: B

NEW QUESTION 542

- (Exam Topic 1)

Kimberly is studying to be an IT security analyst at a vocational school in her town. The school offers many different programming as well as networking languages. What networking protocol language should she learn that routers utilize?

- A. ATM
- B. UDP
- C. BPG
- D. OSPF

Answer: D

NEW QUESTION 544

- (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 549

- (Exam Topic 1)

You are running known exploits against your network to test for possible vulnerabilities. To test the strength of your virus software, you load a test network to mimic your production network. Your software successfully blocks some simple macro and encrypted viruses. You decide to really test the software by using virus code where the code rewrites itself entirely and the signatures change from child to child, but the functionality stays the same. What type of virus is this that you are testing?

- A. Polymorphic
- B. Metamorphic
- C. Oligomorphic
- D. Transmorphic

Answer: B

NEW QUESTION 552

- (Exam Topic 1)

The offset in a hexadecimal code is:

- A. The last byte after the colon
- B. The 0x at the beginning of the code
- C. The 0x at the end of the code
- D. The first byte after the colon

Answer: B

NEW QUESTION 557

- (Exam Topic 1)

Which is a standard procedure to perform during all computer forensics investigations?

- A. with the hard drive removed from the suspect PC, check the date and time in the system's CMOS
- B. with the hard drive in the suspect PC, check the date and time in the File Allocation Table
- C. with the hard drive removed from the suspect PC, check the date and time in the system's RAM
- D. with the hard drive in the suspect PC, check the date and time in the system's CMOS

Answer: A

NEW QUESTION 558

- (Exam Topic 1)

The _____ refers to handing over the results of private investigations to the authorities because of indications of criminal activity.

- A. Locard Exchange Principle
- B. Clark Standard
- C. Kelly Policy
- D. Silver-Platter Doctrine

Answer: D

NEW QUESTION 561

- (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 562

- (Exam Topic 1)

Which Intrusion Detection System (IDS) usually produces the most false alarms due to the unpredictable behaviors of users and networks?

- A. network-based IDS systems (NIDS)
- B. host-based IDS systems (HIDS)
- C. anomaly detection
- D. signature recognition

Answer: B

NEW QUESTION 564

- (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 569

- (Exam Topic 1)

You are contracted to work as a computer forensics investigator for a regional bank that has four 30 TB storage area networks that store customer data. What method would be most efficient for you to acquire digital evidence from this network?

- A. create a compressed copy of the file with DoubleSpace
- B. create a sparse data copy of a folder or file
- C. make a bit-stream disk-to-image file
- D. make a bit-stream disk-to-disk file

Answer: C

NEW QUESTION 574

- (Exam Topic 1)

A state department site was recently attacked and all the servers had their disks erased. The incident response team sealed the area and commenced investigation. During evidence collection they came across a zip disks that did not have the standard labeling on it. The incident team ran the disk on an isolated system and found that the system disk was accidentally erased. They decided to call in the FBI for further investigation. Meanwhile, they short listed possible suspects including three summer interns. Where did the incident team go wrong?

- A. They examined the actual evidence on an unrelated system
- B. They attempted to implicate personnel without proof
- C. They tampered with evidence by using it
- D. They called in the FBI without correlating with the fingerprint data

Answer: C

NEW QUESTION 577

- (Exam Topic 1)

You are carrying out the last round of testing for your new website before it goes live. The website has many dynamic pages and connects to a SQL backend that accesses your product inventory in a database. You come across a web security site that recommends inputting the following code into a search field on web pages to check for vulnerabilities: When you type this and click on search, you receive a pop-up window that says: "This is a test." What is the result of this test?

- A. Your website is vulnerable to CSS
- B. Your website is not vulnerable
- C. Your website is vulnerable to SQL injection
- D. Your website is vulnerable to web bugs

Answer: A

NEW QUESTION 580

- (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 584

- (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 585

- (Exam Topic 1)

What is a good security method to prevent unauthorized users from "tailgating"?

- A. Man trap
- B. Electronic combination locks
- C. Pick-resistant locks
- D. Electronic key systems

Answer: A

NEW QUESTION 589

- (Exam Topic 1)

If you see the files Zer0.tar.gz and copy.tar.gz on a Linux system while doing an investigation, what can you conclude?

- A. The system files have been copied by a remote attacker
- B. The system administrator has created an incremental backup
- C. The system has been compromised using a t0rnrootkit
- D. Nothing in particular as these can be operational files

Answer: D

NEW QUESTION 593

- (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 595

- (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 597

- (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 598

- (Exam Topic 1)

It takes _____ mismanaged case/s to ruin your professional reputation as a computer forensics examiner?

- A. by law, three
- B. quite a few
- C. only one
- D. at least two

Answer: C

NEW QUESTION 599

- (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 600

- (Exam Topic 1)

Jason is the security administrator of ACMA metal Corporation. One day he notices the company's Oracle database server has been compromised and the customer information along with financial data has been stolen. The financial loss will be in millions of dollars if the database gets into the hands of the competitors. Jason wants to report this crime to the law enforcement agencies immediately.

Which organization coordinates computer crimes investigations throughout the United States?

- A. Internet Fraud Complaint Center
- B. Local or national office of the U.
- C. Secret Service
- D. National Infrastructure Protection Center
- E. CERT Coordination Center

Answer: B

NEW QUESTION 603

- (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 605

- (Exam Topic 1)

An employee is attempting to wipe out data stored on a couple of compact discs (CDs) and digital video discs (DVDs) by using a large magnet. You inform him that this method will not be effective in wiping out the data because CDs and DVDs are _____ media used to store large amounts of data and are not affected by the magnet.

- A. logical
- B. anti-magnetic
- C. magnetic
- D. optical

Answer: D

NEW QUESTION 610

- (Exam Topic 1)

What is the target host IP in the following command?

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

Answer: A

NEW QUESTION 612

- (Exam Topic 1)

You are assigned to work in the computer forensics lab of a state police agency. While working on a high profile criminal case, you have followed every applicable procedure, however your boss is still concerned that the defense attorney might question whether evidence has been changed while at the lab. What can you do to prove that the evidence is the same as it was when it first entered the lab?

- A. make an MD5 hash of the evidence and compare it with the original MD5 hash that was taken when the evidence first entered the lab
- B. make an MD5 hash of the evidence and compare it to the standard database developed by NIST
- C. there is no reason to worry about this possible claim because state labs are certified
- D. sign a statement attesting that the evidence is the same as it was when it entered the lab

Answer: A

NEW QUESTION 615

- (Exam Topic 1)

An Expert witness give an opinion if:

- A. The Opinion, inferences or conclusions depend on special knowledge, skill or training not within the ordinary experience of lay jurors
- B. To define the issues of the case for determination by the finder of fact
- C. To stimulate discussion between the consulting expert and the expert witness
- D. To deter the witness from expanding the scope of his or her investigation beyond the requirements of the case

Answer: A

NEW QUESTION 620

- (Exam Topic 1)

What does the acronym POST mean as it relates to a PC?

- A. Primary Operations Short Test

- B. PowerOn Self Test
- C. Pre Operational Situation Test
- D. Primary Operating System Test

Answer: B

NEW QUESTION 621

- (Exam Topic 1)

When performing a forensics analysis, what device is used to prevent the system from recording data on an evidence disk?

- A. a write-blocker
- B. a protocol analyzer
- C. a firewall
- D. a disk editor

Answer: A

NEW QUESTION 626

- (Exam Topic 1)

An "idle" system is also referred to as what?

- A. PC not connected to the Internet
- B. Zombie
- C. PC not being used
- D. Bot

Answer: B

NEW QUESTION 628

- (Exam Topic 1)

In conducting a computer abuse investigation you become aware that the suspect of the investigation is using ABC Company as his Internet Service Provider (ISP). You contact ISP and request that they provide you assistance with your investigation. What assistance can the ISP provide?

- A. The ISP can investigate anyone using their service and can provide you with assistance
- B. The ISP can investigate computer abuse committed by their employees, but must preserve the privacy of their customers and therefore cannot assist you without a warrant
- C. The ISP can't conduct any type of investigations on anyone and therefore can't assist you
- D. ISP's never maintain log files so they would be of no use to your investigation

Answer: B

NEW QUESTION 630

- (Exam Topic 1)

Diskcopy is:

- A. a utility by AccessData
- B. a standard MS-DOS command
- C. Digital Intelligence utility
- D. dd copying tool

Answer: B

Explanation:

diskcopy is a STANDARD DOS utility. C:\WINDOWS>diskcopy /? Copies the contents of one floppy disk to another.

NEW QUESTION 635

- (Exam Topic 1)

Law enforcement officers are conducting a legal search for which a valid warrant was obtained.

While conducting the search, officers observe an item of evidence for an unrelated crime that was not included in the warrant. The item was clearly visible to the officers and immediately identified as evidence. What is the term used to describe how this evidence is admissible?

- A. Plain view doctrine
- B. Corpus delicti
- C. Locard Exchange Principle
- D. Ex Parte Order

Answer: A

NEW QUESTION 636

- (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 637

- (Exam Topic 1)

If you discover a criminal act while investigating a corporate policy abuse, it becomes a publicsector investigation and should be referred to law enforcement?

- A. true
- B. false

Answer: A

NEW QUESTION 642

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