



## **EC-Council**

### **Exam Questions 312-49v10**

Computer Hacking Forensic Investigator (CHFI-v10)

#### NEW QUESTION 1

- (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 2

- (Exam Topic 1)

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

What IDS feature must George implement to meet this requirement?

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

**Answer: C**

#### NEW QUESTION 3

- (Exam Topic 1)

You have been asked to investigate the possibility of computer fraud in the finance department of a company. It is suspected that a staff member has been committing finance fraud by printing cheques that have not been authorized. You have exhaustively searched all data files on a bitmap image of the target computer, but have found no evidence. You suspect the files may not have been saved. What should you examine next in this case?

- A. The registry
- B. The swap file
- C. The recycle bin
- D. The metadata

**Answer: B**

#### NEW QUESTION 4

- (Exam Topic 1)

What is kept in the following directory? HKLM\SECURITY\Policy\Secrets

- A. Cached password hashes for the past 20 users
- B. Service account passwords in plain text
- C. IAS account names and passwords
- D. Local store PKI Kerberos certificates

**Answer: B**

#### NEW QUESTION 5

- (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 6

- (Exam Topic 1)

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

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

**Answer: A**

#### NEW QUESTION 7

- (Exam Topic 1)

You are employed directly by an attorney to help investigate an alleged sexual harassment case at a large pharmaceutical manufacture. While at the corporate office of the company, the CEO demands to know the status of the investigation. What prevents you from discussing the case with the CEO?

- A. the attorney-work-product rule
- B. Good manners
- C. Trade secrets
- D. ISO 17799

**Answer:** A

#### NEW QUESTION 8

- (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 9

- (Exam Topic 2)

Preparing an image drive to copy files to is the first step in Linux forensics. For this purpose, what would the following command accomplish?  
`dcfldd if=/dev/zero of=/dev/hda bs=4096 conv=noerror, sync`

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

**Answer:** A

#### NEW QUESTION 10

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 10

- (Exam Topic 1)

Which of the following is NOT a graphics file?

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

**Answer:** C

#### NEW QUESTION 12

- (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 14

- (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 18

- (Exam Topic 1)

If you plan to startup a suspect's computer, you must modify the to ensure that you do not contaminate or alter data on the suspect's hard drive by booting to the hard drive.

- A. deltree command
- B. CMOS
- C. Boot.sys
- D. Scandisk utility

**Answer:** C

#### NEW QUESTION 19

- (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 24

- (Exam Topic 1)

You are running through a series of tests on your network to check for any security vulnerabilities.

After normal working hours, you initiate a DoS attack against your external firewall. The firewall Quickly freezes up and becomes unusable. You then initiate an FTP connection from an external IP into your internal network. The connection is successful even though you have FTP blocked at the external firewall. What has happened?

- A. The firewall failed-bypass
- B. The firewall failed-closed
- C. The firewall ACL has been purged
- D. The firewall failed-open

**Answer:** D

#### NEW QUESTION 25

- (Exam Topic 1)

Item 2If you come across a sheepdip machine at your client site, what would you infer?

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

**Answer:** C

#### NEW QUESTION 28

- (Exam Topic 1)

When conducting computer forensic analysis, you must guard against So that you remain focused on the primary job and insure that the level of work does not increase beyond what was originally expected.

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

**Answer:** B

#### NEW QUESTION 32

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 36

- (Exam Topic 1)

In a computer forensics investigation, what describes the route that evidence takes from the time you find it until the case is closed or goes to court?

- A. rules of evidence
- B. law of probability
- C. chain of custody
- D. policy of separation

**Answer:** C

#### NEW QUESTION 40

- (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 43

- (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 48

- (Exam Topic 1)

As a security analyst, you setup a false survey website that will require users to create a username and a strong password. You send the link to all the employees of the company. What information will you be able to gather?

- A. The IP address of the employees' computers
- B. Bank account numbers and the corresponding routing numbers
- C. The employees network usernames and passwords
- D. The MAC address of the employees' computers

**Answer:** C

#### NEW QUESTION 53

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 57

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 59

- (Exam Topic 1)

The offset in a hexadecimal code is:

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

**Answer:** B

#### NEW QUESTION 61

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 64

- (Exam Topic 1)

You are the network administrator for a small bank in Dallas, Texas. To ensure network security, you enact a security policy that requires all users to have 14 character passwords. After giving your users 2 weeks notice, you change the Group Policy to force 14 character passwords. A week later you dump the SAM database from the standalone server and run a password-cracking tool against it. Over 99% of the passwords are broken within an hour. Why were these passwords cracked so Quickly?

- A. Passwords of 14 characters or less are broken up into two 7-character hashes
- B. A password Group Policy change takes at least 3 weeks to completely replicate throughout a network
- C. Networks using Active Directory never use SAM databases so the SAM database pulled was empty
- D. The passwords that were cracked are local accounts on the Domain Controller

**Answer:** A

#### NEW QUESTION 68

- (Exam Topic 1)

Why are Linux/Unix based computers better to use than Windows computers for idle scanning?

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

**Answer:** C

#### NEW QUESTION 72

- (Exam Topic 1)

What file structure database would you expect to find on floppy disks?

- A. NTFS
- B. FAT32
- C. FAT16
- D. FAT12

**Answer:** D

#### NEW QUESTION 77

- (Exam Topic 1)

In what way do the procedures for dealing with evidence in a criminal case differ from the procedures for dealing with evidence in a civil case?

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

**Answer:** C

#### NEW QUESTION 78

- (Exam Topic 1)

When examining a file with a Hex Editor, what space does the file header occupy?

- A. the last several bytes of the file
- B. the first several bytes of the file
- C. none, file headers are contained in the FAT
- D. one byte at the beginning of the file



**Answer:** D

#### NEW QUESTION 82

- (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 86

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 87

- (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 92

- (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 95

- (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 100

- (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 103

- (Exam Topic 1)

When you carve an image, recovering the image depends on which of the following skills?

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

**Answer:** A

#### NEW QUESTION 106

- (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 111

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 114

- (Exam Topic 1)

When using Windows acquisitions tools to acquire digital evidence, it is important to use a well-tested hardware write-blocking device to:

- A. Automate Collection from image files
- B. Avoiding copying data from the boot partition
- C. Acquire data from host-protected area on a disk
- D. Prevent Contamination to the evidence drive

**Answer:** D

#### NEW QUESTION 116

- (Exam Topic 1)

You are trying to locate Microsoft Outlook Web Access Default Portal using Google search on the Internet. What search string will you use to locate them?

- A. allinurl:"exchange/logon.asp"
- B. intitle:"exchange server"
- C. locate:"logon page"
- D. outlook:"search"

**Answer:** A

#### NEW QUESTION 120

- (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 125

- (Exam Topic 1)

Diskcopy is:

- A. a utility by AccessData
- B. a standard MS-DOS command
- C. Digital Intelligence utility



D. dd copying tool

**Answer:** B

**Explanation:**

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

**NEW QUESTION 128**

- (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 133**

- (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 138**

- (Exam Topic 4)

During a forensic investigation, a large number of files were collected. The investigator needs to evaluate ownership and accountability of those files. Therefore, he begins to identify attributes such as "author name," "organization name," "network name," or any additional supporting data that is meant for the owner's identification purpose. Which term describes these attributes?

- A. Data header
- B. Data index
- C. Metabase
- D. Metadata

**Answer:** D

**NEW QUESTION 141**

- (Exam Topic 4)

When investigating a system, the forensics analyst discovers that malicious scripts were injected into benign and trusted websites. The attacker used a web application to send malicious code. In the form of a browser side script, to a different end-user. What attack was performed here?

- A. Brute-force attack
- B. Cookie poisoning attack
- C. Cross-site scripting attack
- D. SQL injection attack

**Answer:** C

**NEW QUESTION 144**

- (Exam Topic 4)

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

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

**Answer:** D

**NEW QUESTION 148**

- (Exam Topic 4)

"No action taken by law enforcement agencies or their agents should change data held on a computer or storage media which may subsequently be relied upon in court" - this principle is advocated by which of the following?

- A. The Association of Chief Police Officers (ACPO) Principles of Digital Evidence
- B. Locard's exchange principle

- C. Scientific Working Group on Imaging Technology (SWGIT)
- D. FBI Cyber Division

**Answer:** A

#### NEW QUESTION 152

- (Exam Topic 4)

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

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

**Answer:** D

#### NEW QUESTION 156

- (Exam Topic 4)

Which of the following tools will allow a forensic Investigator to acquire the memory dump of a suspect machine so that It may be Investigated on a forensic workstation to collect evidentiary data like processes and Tor browser artifacts?

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

**Answer:** C

#### NEW QUESTION 159

- (Exam Topic 4)

Consider a scenario where a forensic investigator is performing malware analysis on a memory dump acquired from a victims computer. The investigator uses Volatility Framework to analyze RAM contents; which plugin helps investigator to identify hidden processes or injected code/DLL in the memory dump?

- A. pslist
- B. malscan
- C. mallist
- D. malfind

**Answer:** D

#### NEW QUESTION 163

- (Exam Topic 4)

Which OWASP IoT vulnerability talks about security flaws such as lack of firmware validation, lack of secure delivery, and lack of anti-rollback mechanisms on IoT devices?

- A. Lack of secure update mechanism
- B. Use of insecure or outdated components
- C. Insecure default settings
- D. Insecure data transfer and storage

**Answer:** A

#### NEW QUESTION 165

- (Exam Topic 4)

In Java, when multiple applications are launched, multiple Dalvik Virtual Machine instances occur that consume memory and time. To avoid that. Android Implements a process that enables low memory consumption and quick start-up time. What is the process called?

- A. init
- B. Media server
- C. Zygote
- D. Daemon

**Answer:** C

#### NEW QUESTION 169

- (Exam Topic 4)

Which "Standards and Criteria" under SWDGE states that "the agency must use hardware and software that are appropriate and effective for the seizure or examination procedure"?

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

**Answer:** D

#### NEW QUESTION 172

- (Exam Topic 4)

Which of the following methods of mobile device data acquisition captures all the data present on the device, as well as all deleted data and access to unallocated space?

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

**Answer:** D

#### NEW QUESTION 176

- (Exam Topic 4)

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

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

**Answer:** B

#### NEW QUESTION 180

- (Exam Topic 4)

An investigator needs to perform data acquisition from a storage media without altering its contents to maintain the Integrity of the content. The approach adopted by the Investigator relies upon the capacity of enabling read-only access to the storage media. Which tool should the Investigator Integrate Into his/her procedures to accomplish this task?

- A. BitLocker
- B. Data duplication tool
- C. Backup tool
- D. Write blocker

**Answer:** D

#### NEW QUESTION 183

- (Exam Topic 4)

Jeff is a forensics investigator for a government agency's cyber security office. Jeff Is tasked with acquiring a memory dump of a Windows 10 computer that was involved In a DDoS attack on the government agency's web application. Jeff is onsite to collect the memory. What tool could Jeff use?

- A. Volatility
- B. Autopsy
- C. RAM Mapper
- D. Memcheck

**Answer:** A

#### NEW QUESTION 188

- (Exam Topic 4)

Ronald, a forensic investigator, has been hired by a financial services organization to Investigate an attack on their MySQL database server, which Is hosted on a Windows machine named WIN-DTRAI83202X. Ronald wants to retrieve information on the changes that have been made to the database. Which of the following files should Ronald examine for this task?

- A. relay-log.info
- B. WIN-DTRAI83202Xrelay-bin.index
- C. WIN-DTRAI83202Xslow.log
- D. WIN-DTRAI83202X-bin.nnnnnn

**Answer:** C

#### NEW QUESTION 189

- (Exam Topic 4)

What happens lo the header of the file once It Is deleted from the Windows OS file systems?

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

**Answer:** A

#### NEW QUESTION 194

- (Exam Topic 4)

What is the extension used by Windows OS for shortcut files present on the machine?

- A. .log
- B. .pf
- C. .lnk
- D. .dat

**Answer:** C

#### NEW QUESTION 195

- (Exam Topic 4)

Which of the following applications will allow a forensic investigator to track the user login sessions and user transactions that have occurred on an MS SQL Server?

- A. ApexSQL Audit
- B. netcat
- C. Notepad++
- D. Event Log Explorer

**Answer:** A

#### NEW QUESTION 199

- (Exam Topic 4)

Assume there is a file named myfile.txt in C: drive that contains hidden data streams. Which of the following commands would you issue to display the contents of a data stream?

- A. echo text > program: source\_file
- B. myfile.dat: stream 1
- C. C:\MORE < myfile.txt:stream1
- D. C:\>ECHO text\_message > myfile.txt:stream1

**Answer:** A

#### NEW QUESTION 203

- (Exam Topic 4)

Brian has the job of analyzing malware for a software security company. Brian has setup a virtual environment that includes virtual machines running various versions of OSes. Additionally, Brian has setup separated virtual networks within this environment. The virtual environment does not connect to the company's intranet nor does it connect to the external Internet. With everything setup, Brian now received an executable file from a client that has undergone a cyberattack. Brian ran the executable file in the virtual environment to see what it would do. What type of analysis did Brian perform?

- A. Static malware analysis
- B. Status malware analysis
- C. Dynamic malware analysis
- D. Static OS analysis

**Answer:** C

#### NEW QUESTION 207

- (Exam Topic 4)

An investigator wants to extract passwords from SAM and System Files. Which tool can the investigator use to obtain a list of users, passwords, and their hashes in this case?

- A. PWdump7
- B. HashKey
- C. NtLm
- D. FileMerlin

**Answer:** A

#### NEW QUESTION 210

- (Exam Topic 4)

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

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

**Answer:** D

#### NEW QUESTION 215

- (Exam Topic 4)

For the purpose of preserving the evidentiary chain of custody, which of the following labels is not appropriate?

- A. Relevant circumstances surrounding the collection
- B. General description of the evidence
- C. Exact location the evidence was collected from

D. SSN of the person collecting the evidence

**Answer:** D

#### NEW QUESTION 218

- (Exam Topic 4)

Which of the following Windows event logs record events related to device drives and hardware changes?

- A. Forwarded events log
- B. System log
- C. Application log
- D. Security log

**Answer:** B

#### NEW QUESTION 221

- (Exam Topic 4)

Which among the following acts has been passed by the U.S. Congress to protect investors from the possibility of fraudulent accounting activities by corporations?

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

**Answer:** D

#### NEW QUESTION 226

- (Exam Topic 4)

Edgar is part of the FBI's forensic media and malware analysis team; he is analyzing a current malware and is conducting a thorough examination of the suspect system, network, and other connected devices. Edgar's approach is to execute the malware code to know how it interacts with the host system and its impacts on it. He is also using a virtual machine and a sandbox environment.

What type of malware analysis is Edgar performing?

- A. Malware disassembly
- B. VirusTotal analysis
- C. Static analysis
- D. Dynamic malware analysis/behavioral analysis

**Answer:** D

#### NEW QUESTION 228

- (Exam Topic 4)

Recently, an internal web app that a government agency utilizes has become unresponsive. Betty, a network engineer for the government agency, has been tasked to determine the cause of the web application's unresponsiveness. Betty launches Wireshark and begins capturing the traffic on the local network. While analyzing the results, Betty noticed that a SYN flood attack was underway. How did Betty know a SYN flood attack was occurring?

- A. Wireshark capture shows multiple ACK requests and SYN responses from single/multiple IP address(es)
- B. Wireshark capture does not show anything unusual and the issue is related to the web application
- C. Wireshark capture shows multiple SYN requests and RST responses from single/multiple IP address(es)
- D. Wireshark capture shows multiple SYN requests and ACK responses from single/multiple IP address(es)

**Answer:** C

#### NEW QUESTION 232

- (Exam Topic 4)

Matthew has been assigned the task of analyzing a suspicious MS Office document via static analysis over an Ubuntu-based forensic machine. He wants to see what type of document it is, whether it is encrypted, or contains any flash objects/VBA macros. Which of the following Python-based scripts should he run to get relevant information?

- A. oleform.py
- B. oleid.py
- C. oledir.py
- D. pdfid.py

**Answer:** B

#### NEW QUESTION 234

- (Exam Topic 4)

"In exceptional circumstances, where a person finds it necessary to access original data held on a computer or on storage media, that person must be competent to do so and be able to explain his/her actions and the impact of those actions on the evidence, in the court." Which ACPO principle states this?

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

**Answer:** D

#### NEW QUESTION 236

- (Exam Topic 4)

In which IoT attack does the attacker use multiple forged identities to create a strong illusion of traffic congestion, affecting communication between neighboring nodes and networks?

- A. Replay attack
- B. Jamming attack
- C. Blueborne attack
- D. Sybil attack

**Answer:** D

#### NEW QUESTION 240

- (Exam Topic 3)

In a computer that has Dropbox client installed, which of the following files related to the Dropbox client store information about local Dropbox installation and the Dropbox user account, along with email IDs linked with the account?

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

**Answer:** A

#### NEW QUESTION 243

- (Exam Topic 3)

Which of the following processes is part of the dynamic malware analysis?

- A. Process Monitoring
- B. Malware disassembly
- C. Searching for the strings
- D. File fingerprinting

**Answer:** A

#### NEW QUESTION 247

- (Exam Topic 3)

What technique is used by JPEGs for compression?

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

**Answer:** C

#### NEW QUESTION 250

- (Exam Topic 3)

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

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

**Answer:** A

#### NEW QUESTION 255

- (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 256

- (Exam Topic 3)

You need to deploy a new web-based software package for your organization. The package requires three separate servers and needs to be available on the Internet. What is the recommended architecture in terms of server placement?

- A. All three servers need to be placed internally
- B. A web server and the database server facing the Internet, an application server on the internal network



- C. A web server facing the Internet, an application server on the internal network, a database server on the internal network
- D. All three servers need to face the Internet so that they can communicate between themselves

**Answer:** D

#### NEW QUESTION 258

- (Exam Topic 3)

What system details can an investigator obtain from the NetBIOS name table cache?

- A. List of files opened on other systems
- B. List of the system present on a router
- C. List of connections made to other systems
- D. List of files shared between the connected systems

**Answer:** C

#### NEW QUESTION 261

- (Exam Topic 3)

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

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

**Answer:** A

#### NEW QUESTION 265

- (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 268

- (Exam Topic 3)

Raw data acquisition format creates of a data set or suspect drive.

- A. Segmented image files
- B. Simple sequential flat files
- C. Compressed image files
- D. Segmented files

**Answer:** B

#### NEW QUESTION 273

- (Exam Topic 3)

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

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

**Answer:** C

#### NEW QUESTION 274

- (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 279

- (Exam Topic 3)

In which implementation of RAID will the image of a Hardware RAID volume be different from the image taken separately from the disks?

- A. RAID 1
- B. The images will always be identical because data is mirrored for redundancy
- C. RAID 0
- D. It will always be different

**Answer:** D

#### NEW QUESTION 283

- (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 287

- (Exam Topic 3)

What does the 56.58.152.114(445) denote in a Cisco router log?

Jun 19 23:25:46.125 EST: %SEC-4-IPACCESSLOGP: list internet-inbound denied udp 67.124.115.35(8084)

-> 56.58.152.114(445), 1 packet

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

**Answer:** D

#### NEW QUESTION 290

- (Exam Topic 3)

Which of the following tool is used to locate IP addresses?

- A. SmartWhois
- B. Deep Log Analyzer
- C. Towelroot
- D. XRY LOGICAL

**Answer:** A

#### NEW QUESTION 295

- (Exam Topic 3)

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

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

**Answer:** D

#### NEW QUESTION 297

- (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 299

- (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 304

- (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 308

- (Exam Topic 3)

What is the name of the first reserved sector in File allocation table?

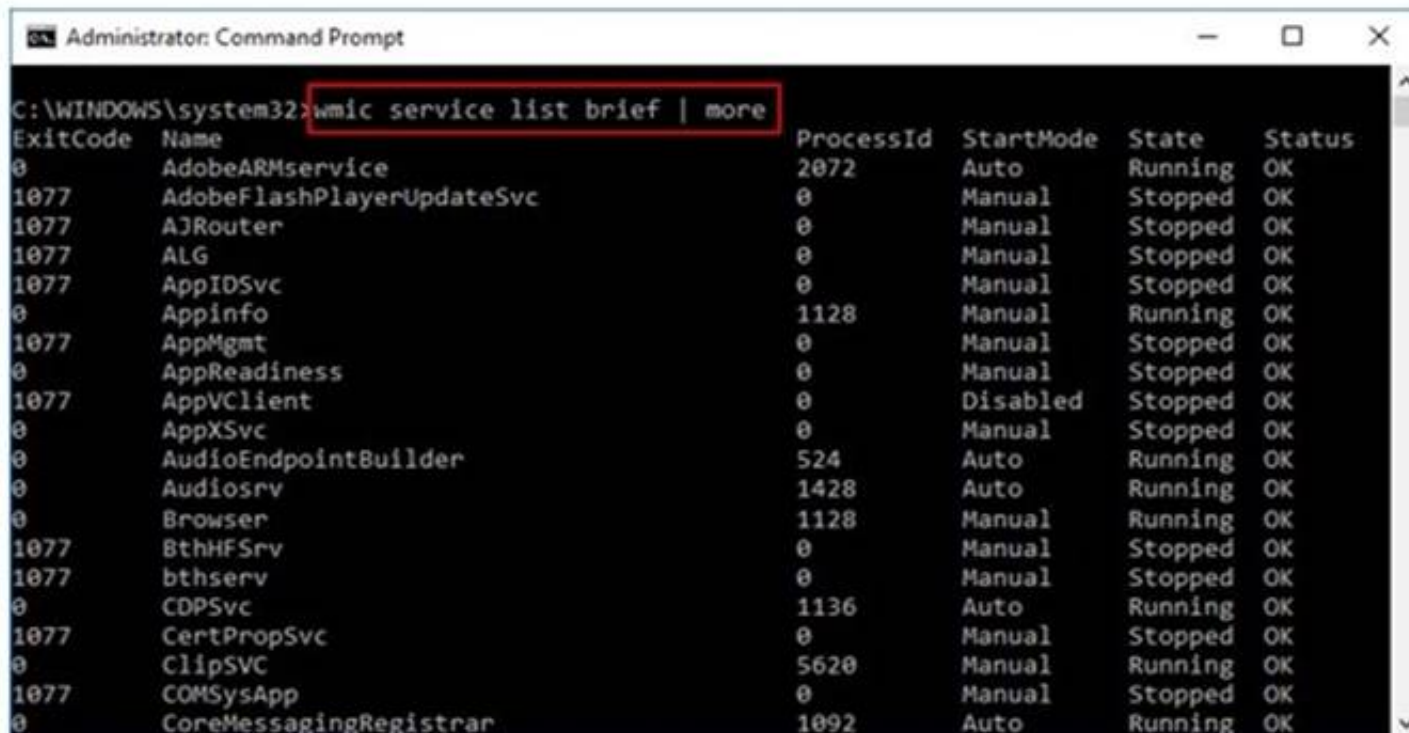
- A. Volume Boot Record
- B. Partition Boot Sector
- C. Master Boot Record
- D. BIOS Parameter Block

**Answer:** C

#### NEW QUESTION 311

- (Exam Topic 3)

What is the investigator trying to view by issuing the command displayed in the following screenshot?



```

Administrator: Command Prompt
C:\WINDOWS\system32>wmic service list brief | more
ExitCode Name ProcessId StartMode State Status
0 AdobeARMservice 2072 Auto Running OK
1077 AdobeFlashPlayerUpdateSvc 0 Manual Stopped OK
1077 A3Router 0 Manual Stopped OK
1077 ALG 0 Manual Stopped OK
1077 AppIDSvc 0 Manual Stopped OK
0 Appinfo 1128 Manual Running OK
1077 AppMgmt 0 Manual Stopped OK
0 AppReadiness 0 Manual Stopped OK
1077 AppVClient 0 Disabled Stopped OK
0 AppXSvc 0 Manual Stopped OK
0 AudioEndpointBuilder 524 Auto Running OK
0 Audiosrv 1428 Auto Running OK
0 Browser 1128 Manual Running OK
1077 BthHFSrv 0 Manual Stopped OK
1077 bthserv 0 Manual Stopped OK
0 CDPSvc 1136 Auto Running OK
1077 CertPropSvc 0 Manual Stopped OK
0 ClipSVC 5620 Manual Running OK
1077 COMSysApp 0 Manual Stopped OK
0 CoreMessagingRegistrar 1092 Auto Running OK
  
```

- A. List of services stopped
- B. List of services closed recently
- C. List of services recently started
- D. List of services installed

**Answer:** D

#### NEW QUESTION 316

- (Exam Topic 3)

In Linux OS, different log files hold different information, which help the investigators to analyze various issues during a security incident. What information can the investigators obtain from the log file var/log/dmesg?

- A. Kernel ring buffer information
- B. All mail server message logs
- C. Global system messages
- D. Debugging log messages

**Answer:** A

#### NEW QUESTION 319

- (Exam Topic 3)

A section of your forensics lab houses several electrical and electronic equipment. Which type of fire extinguisher you must install in this area to contain any fire incident?

- A. Class B
- B. Class D
- C. Class C

D. Class A

**Answer: C**

**NEW QUESTION 323**

- (Exam Topic 3)

POP3 is an Internet protocol, which is used to retrieve emails from a mail server. Through which port does an email client connect with a POP3 server?

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

**Answer: A**

**NEW QUESTION 328**

- (Exam Topic 3)

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

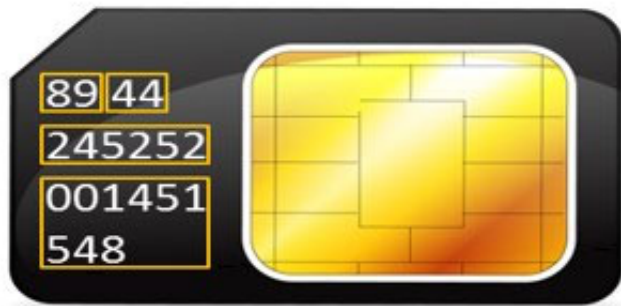
- A. Inverse TCP flag scanning
- B. ACK flag scanning
- C. TCP Scanning
- D. IP Fragment Scanning

**Answer: D**

**NEW QUESTION 330**

- (Exam Topic 3)

During an investigation, Noel found the following SIM card from the suspect's mobile. What does the code 89 44 represent?



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

**Answer: B**

**NEW QUESTION 332**

- (Exam Topic 3)

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

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

**Answer: C**

**NEW QUESTION 337**

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

**Answer:** C

#### NEW QUESTION 352

- (Exam Topic 3)

An investigator has acquired packed software and needed to analyze it for the presence of malice. Which of the following tools can help in finding the packaging software used?

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

**Answer:** B

#### NEW QUESTION 356

- (Exam Topic 3)

Graphics Interchange Format (GIF) is a RGB bitmap image format for images with up to 256 distinct colors per frame.

- A. 8-bit
- B. 32-bit
- C. 16-bit
- D. 24-bit

**Answer:** A

#### NEW QUESTION 361

- (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 typ
- 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 362

- (Exam Topic 3)

Which of the following techniques delete the files permanently?

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

**Answer:** B

#### NEW QUESTION 367

- (Exam Topic 3)

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

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

**Answer:** B

#### NEW QUESTION 371

- (Exam Topic 3)

Which of the following is found within the unique instance ID key and helps investigators to map the entry from USBSTOR key to the MountedDevices key?

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

**Answer:** A

#### NEW QUESTION 374



- (Exam Topic 3)

Which of these rootkit detection techniques function by comparing a snapshot of the file system, boot records, or memory with a known and trusted baseline?

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

**Answer: B**

#### NEW QUESTION 377

- (Exam Topic 3)

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

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

**Answer: B**

#### NEW QUESTION 379

- (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 383

- (Exam Topic 2)

Depending upon the jurisdictional areas, different laws apply to different incidents. Which of the following law is related to fraud and related activity in connection with computers?

- A. 18 USC §1029
- B. 18 USC §1030
- C. 18 USC §1361
- D. 18 USC §1371

**Answer: B**

#### NEW QUESTION 388

- (Exam Topic 2)

Netstat is a tool for collecting information regarding network connections. It provides a simple view of TCP and UDP connections, and their state and network traffic statistics. Which of the following commands shows you the TCP and UDP network connections, listening ports, and the identifiers?

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

**Answer: B**

#### NEW QUESTION 391

- (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 392

- (Exam Topic 2)

Under confession, an accused criminal admitted to encrypting child pornography pictures and then hiding them within other pictures. What technique did the accused criminal employ?

- A. Typography
- B. Steganalysis

- C. Picture encoding
- D. Steganography

**Answer:** D

#### NEW QUESTION 394

- (Exam Topic 2)

Which program is the bootloader when Windows XP starts up?

- A. KERNEL.EXE
- B. NTLDR
- C. LOADER
- D. LILO

**Answer:** B

#### NEW QUESTION 398

- (Exam Topic 2)

On an Active Directory network using NTLM authentication, where on the domain controllers are the passwords stored?

- A. SAM
- B. AMS
- C. Shadow file
- D. Password.conf

**Answer:** A

#### NEW QUESTION 402

- (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 404

- (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 405

- (Exam Topic 2)

Smith, a network administrator with a large MNC, was the first to arrive at a suspected crime scene involving criminal use of compromised computers. What should be his first response while maintaining the integrity of evidence?

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

**Answer:** A

#### NEW QUESTION 409

- (Exam Topic 2)

What feature of Decryption Collection allows an investigator to crack a password as quickly as possible?

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

**Answer:** B

#### NEW QUESTION 414

- (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 419

- (Exam Topic 2)

Which of the following files gives information about the client sync sessions in Google Drive on Windows?

- A. sync\_log.log
- B. Sync\_log.log
- C. sync.log
- D. Sync.log

**Answer:** B

#### NEW QUESTION 422

- (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 424

- (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 429

- (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 431

- (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 434

- (Exam Topic 2)

Who is responsible for the following tasks?

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

**Answer:** A

#### NEW QUESTION 436

- (Exam Topic 2)

What layer of the OSI model do TCP and UDP utilize?

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

**Answer:** C

#### NEW QUESTION 439

- (Exam Topic 2)

Which forensic investigating concept trails the whole incident from how the attack began to how the victim was affected?

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

**Answer:** B

#### NEW QUESTION 443

- (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 448

- (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 452

- (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 456

- (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 458

- (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 460

- (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 462

- (Exam Topic 2)

Which code does the FAT file system use to mark the file as deleted?

- A. ESH
- B. 5EH
- C. H5E
- D. E5H

**Answer:** D

#### NEW QUESTION 463

- (Exam Topic 2)

Which of the following tool captures and allows you to interactively browse the traffic on a network?

- A. Security Task Manager
- B. Wireshark
- C. ThumbsDisplay
- D. RegScanner

**Answer:** B

#### NEW QUESTION 467

- (Exam Topic 2)

Which of the following tool creates a bit-by-bit image of an evidence media?

- A. Recuva
- B. FileMerlin
- C. AccessData FTK Imager
- D. Xplico

**Answer:** C

#### NEW QUESTION 472

- (Exam Topic 2)

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

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

**Answer:** D

#### NEW QUESTION 473

- (Exam Topic 2)

Where are files temporarily written in Unix when printing?

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

**Answer:** D

#### NEW QUESTION 476

- (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 477

- (Exam Topic 2)

Madison is on trial for allegedly breaking into her university's internal network. The police raided her dorm room and seized all of her computer equipment.

Madison's lawyer is trying to convince the judge that the seizure was unfounded and baseless. Under which US Amendment is Madison's lawyer trying to prove the police violated?

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

**Answer:** A

#### NEW QUESTION 482

- (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 487

- (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 490

- (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 494

- (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 499

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