

EC-Council

Exam Questions 312-49v10

Computer Hacking Forensic Investigator (CHFI-v10)



NEW QUESTION 1

- (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 2

- (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?

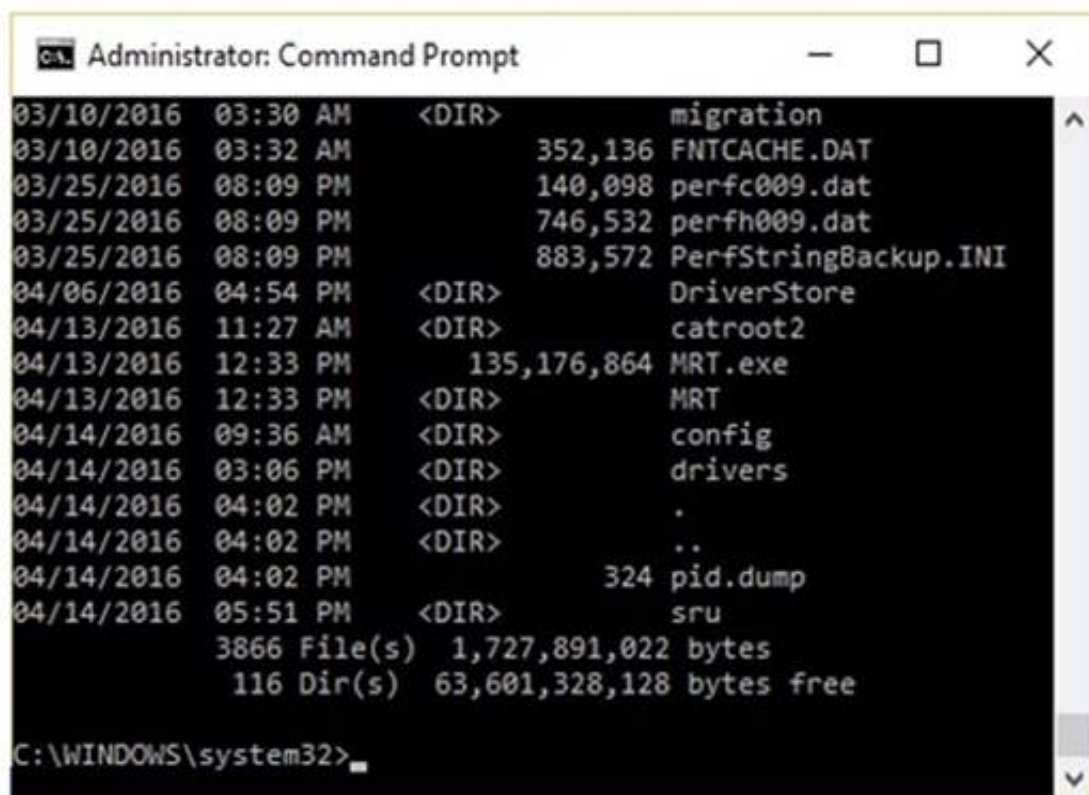
- A. All three servers need to be placed internally
- B. A web server and the database server facing the Internet, an application server on the internal network
- C. A web server facing the Internet, an application server on the internal network, a database server on the internal network
- D. All three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

Answer: D

NEW QUESTION 3

- (Exam Topic 3)

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



```
Administrator: Command Prompt
03/10/2016 03:30 AM <DIR> migration
03/10/2016 03:32 AM      352,136 FNTCACHE.DAT
03/25/2016 08:09 PM    140,098 perfc009.dat
03/25/2016 08:09 PM    746,532 perfh009.dat
03/25/2016 08:09 PM    883,572 PerfStringBackup.INI
04/06/2016 04:54 PM <DIR> DriverStore
04/13/2016 11:27 AM <DIR> catroot2
04/13/2016 12:33 PM   135,176,864 MRT.exe
04/13/2016 12:33 PM <DIR> MRT
04/14/2016 09:36 AM <DIR> config
04/14/2016 03:06 PM <DIR> drivers
04/14/2016 04:02 PM <DIR> .
04/14/2016 04:02 PM <DIR> ..
04/14/2016 04:02 PM      324 pid.dump
04/14/2016 05:51 PM <DIR> sru
      3866 File(s) 1,727,891,022 bytes
      116 Dir(s) 63,601,328,128 bytes free

C:\WINDOWS\system32>
```

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

Answer: A

NEW QUESTION 4

- (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 5

- (Exam Topic 3)

Pick the statement which does not belong to the Rule 804. Hearsay Exceptions; Declarant Unavailable.

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

Answer: D

NEW QUESTION 6

- (Exam Topic 3)

Steve, a forensic investigator, was asked to investigate an email incident in his organization. The organization has Microsoft Exchange Server deployed for email communications. Which among the following files will Steve check to analyze message headers, message text, and standard attachments?

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

Answer: B

NEW QUESTION 7

- (Exam Topic 3)

Investigators can use the Type Allocation Code (TAC) to find the model and origin of a mobile device. Where is TAC located in mobile devices?

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

Answer: A

NEW QUESTION 8

- (Exam Topic 3)

In Windows, prefetching is done to improve system performance. There are two types of prefetching: boot prefetching and application prefetching. During boot prefetching, what does the Cache Manager do?

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

Answer: C

NEW QUESTION 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)

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 10

- (Exam Topic 3)

Which of the following statements is TRUE about SQL Server error logs?

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

Answer: B

NEW QUESTION 12

- (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 16

- (Exam Topic 3)

Which of the following examinations refers to the process of providing the opposing side in a trial the opportunity to question a witness?

- A. Cross Examination
- B. Direct Examination
- C. Indirect Examination
- D. Witness Examination

Answer: A

NEW QUESTION 18

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 20

- (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 24

- (Exam Topic 3)

Gary, a computer technician, is facing allegations of abusing children online by befriending them and sending them illicit adult images from his office computer. What type of investigation does this case require?

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

Answer: B

NEW QUESTION 25

- (Exam Topic 3)

> NMAP -sn 192.168.11.200-215 The NMAP command above performs which of the following?

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

Answer: C

NEW QUESTION 27

- (Exam Topic 3)

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

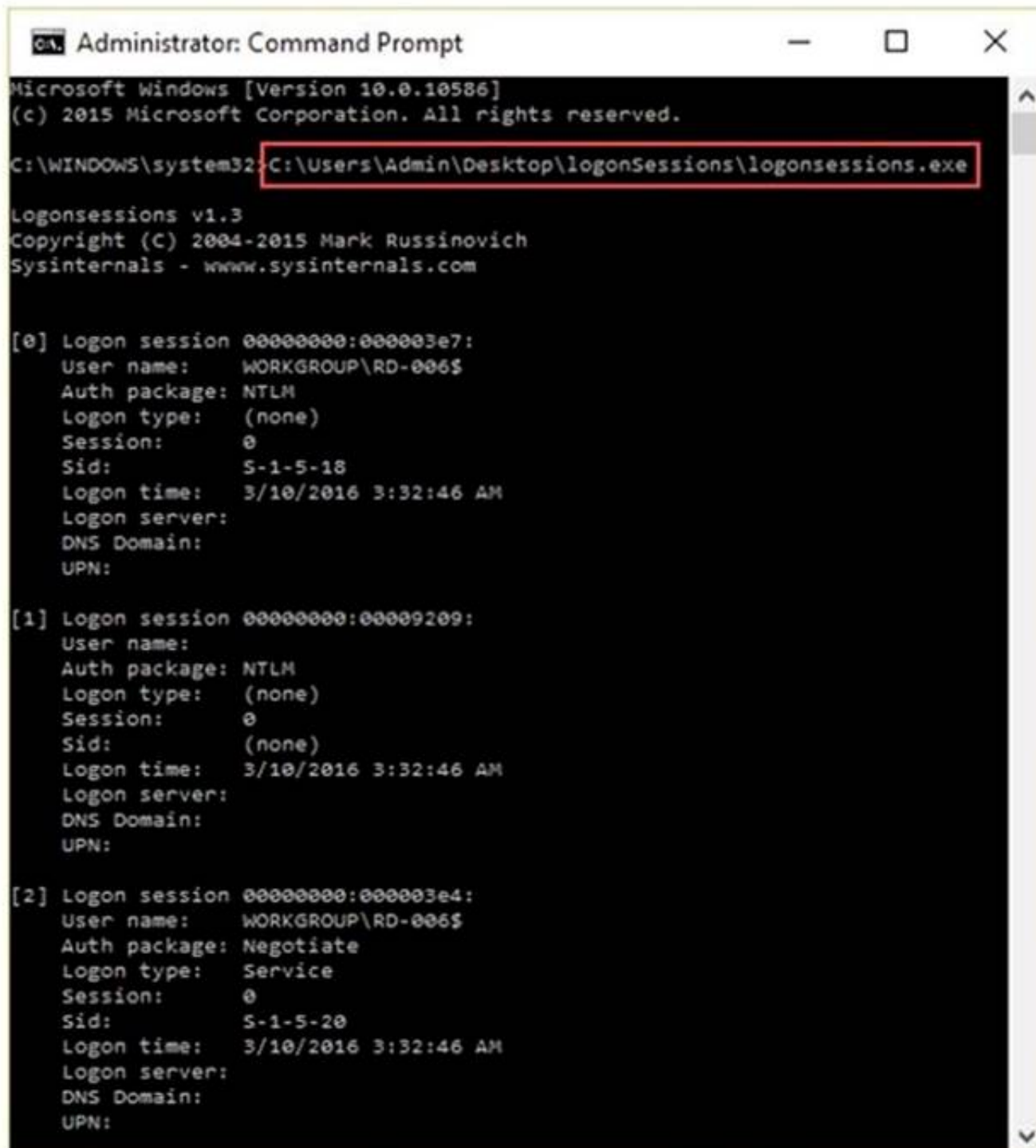
- A. pstree
- B. pgrep
- C. ps
- D. grep

Answer: B

NEW QUESTION 28

- (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 00000000:0000003e7:
  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 00000000:000000209:
  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 00000000:0000003e4:
  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 30

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 35

- (Exam Topic 3)

Lynne receives the following email:

Dear lynne@gmail.com! We are sorry to inform you that your ID has been temporarily frozen due to incorrect or missing information saved at 2016/11/10 20:40:24
 You have 24 hours to fix this problem or risk to be closed permanently! To proceed Please Connect >> My Apple ID Thank You The link to My Apple ID shows
<http://bygggarbetsplatsen.se/backup/signon/> What type of attack is this?

- A. Mail Bombing
- B. Phishing
- C. Email Spamming

D. Email Spoofing

Answer: B

NEW QUESTION 38

- (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 39

- (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 40

- (Exam Topic 3)

During forensics investigations, investigators tend to collect the system time at first and compare it with UTC. What does the abbreviation UTC stand for?

- A. Coordinated Universal Time
- B. Universal Computer Time
- C. Universal Time for Computers
- D. Correlated Universal Time

Answer: A

NEW QUESTION 45

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 49

- (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 51

- (Exam Topic 3)

If the partition size is 4 GB, each cluster will be 32 K. Even if a file needs only 10 K, the entire 32 K will be allocated, resulting in 22 K of _____ .

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

Answer: A

NEW QUESTION 54

- (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 55

- (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 60

- (Exam Topic 3)

Which Event Correlation approach assumes and predicts what an attacker can do next after the attack by studying statistics and probability?

- A. Profile/Fingerprint-Based Approach
- B. Bayesian Correlation
- C. Time (Clock Time) or Role-Based Approach
- D. Automated Field Correlation

Answer: B

NEW QUESTION 63

- (Exam Topic 3)

As a Certified Ethical Hacker, you were contracted by a private firm to conduct an external security assessment through penetration testing . What document describes the specifics of the testing, the associated violations, and essentially protects both the organization's interest and your liabilities as a tester?

- A. Project Scope
- B. Rules of Engagement
- C. Non-Disclosure Agreement
- D. Service Level Agreement

Answer: B

NEW QUESTION 66

- (Exam Topic 3)

Which of the following is a precomputed table containing word lists like dictionary files and brute force lists and their hash values?

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

Answer: B

NEW QUESTION 67

- (Exam Topic 3)

An investigator has extracted the device descriptor for a 1GB thumb drive that looks like: Disk&Ven_Best_Buy&Prod_Geek_Squad_U3&Rev_6.15. What does the "Geek_Squad" part represent?

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

Answer: A

NEW QUESTION 70

- (Exam Topic 3)

Which of the following application password cracking tool can discover all password-protected items on a computer and decrypts them?

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

Answer: D

NEW QUESTION 75

- (Exam Topic 3)

Buffer overflow vulnerabilities, of web applications, occurs when the application 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 buffer locations
- B. Adjacent string locations
- C. Adjacent bit blocks
- D. Adjacent memory locations

Answer: D

NEW QUESTION 77

- (Exam Topic 3)

%3cscript%3ealert("XXXXXXXX")%3c/script%3e is a script obtained from a Cross-Site Scripting attack. What type of encoding has the attacker employed?

- A. Double encoding
- B. Hex encoding
- C. Unicode
- D. Base64

Answer: B

NEW QUESTION 81

- (Exam Topic 3)

Which among the following web application threats is resulted when developers expose various internal implementation objects, such as files, directories, database records, or key-through references?

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

Answer: C

NEW QUESTION 84

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 85

- (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 89

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 93

- (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 95

- (Exam Topic 3)

Which layer of iOS architecture should a forensics investigator evaluate to analyze services such as Threading, File Access, Preferences, Networking and high-level features?

- A. Core Services
- B. Media services
- C. Cocoa Touch
- D. Core OS

Answer: D

NEW QUESTION 99

- (Exam Topic 3)

Which of the following statements is true regarding SMTP Server?

- A. SMTP Server breaks the recipient's address into Recipient's name and his/her designation before passing it to the DNS Server
- B. SMTP Server breaks the recipient's address into Recipient's name and recipient's address before passing it to the DNS Server
- C. SMTP Server breaks the recipient's address into Recipient's name and domain name before passing it to the DNS Server
- D. SMTP Server breaks the recipient's address into Recipient's name and his/her initial before passing it to the DNS Server

Answer: C

NEW QUESTION 102

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 103

- (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 106

- (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 107

- (Exam Topic 3)

Which cloud model allows an investigator to acquire the instance of a virtual machine and initiate the forensics examination process?

- A. PaaS model
- B. IaaS model

- C. SaaS model
- D. SecaaS model

Answer: B

NEW QUESTION 108

- (Exam Topic 3)

Which of the following commands shows you the username and IP address used to access the system via a remote login session and the type of client from which they are accessing the system?

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

Answer: B

NEW QUESTION 110

- (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 114

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 115

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 118

- (Exam Topic 3)

Which of the following is a part of a Solid-State Drive (SSD)?

- A. Head
- B. Cylinder
- C. NAND-based flash memory
- D. Spindle

Answer: C

NEW QUESTION 120

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 122

- (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 124

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 129

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 132

- (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 133

- (Exam Topic 3)

Which of the following is a responsibility of the first responder?

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

Answer: B

NEW QUESTION 137

- (Exam Topic 3)

Which principle states that “anyone or anything, entering a crime scene takes something of the scene with them, and leaves something of themselves behind when they leave”?

- A. Locard's Exchange Principle
- B. Enterprise Theory of Investigation
- C. Locard's Evidence Principle
- D. Evidence Theory of Investigation

Answer: A

NEW QUESTION 141

- (Exam Topic 3)

An attacker has compromised a cloud environment of a company and used the employee information to perform an identity theft attack. Which type of attack is this?

- A. Cloud as a subject
- B. Cloud as a tool

- C. Cloud as an object
- D. Cloud as a service

Answer: A

NEW QUESTION 142

- (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 145

- (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 149

- (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 152

- (Exam Topic 2)

Sniffers that place NICs in promiscuous mode work at what layer of the OSI model?

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

Answer: C

NEW QUESTION 155

- (Exam Topic 2)

What type of flash memory card comes in either Type I or Type II and consumes only five percent of the power required by small hard drives?

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

Answer: B

NEW QUESTION 157

- (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 160

- (Exam Topic 2)

Which of the following is a database in which information about every file and directory on an NT File System (NTFS) volume is stored?

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

Answer: D

NEW QUESTION 161

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 163

- (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 167

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 169

- (Exam Topic 2)

Which of the following commands shows you all of the network services running on Windows-based servers?

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

Answer: A

NEW QUESTION 172

- (Exam Topic 2)

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

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

Answer: B

NEW QUESTION 174

- (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 175

- (Exam Topic 2)

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

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

Answer: A

NEW QUESTION 179

- (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 184

- (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 185

- (Exam Topic 2)

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

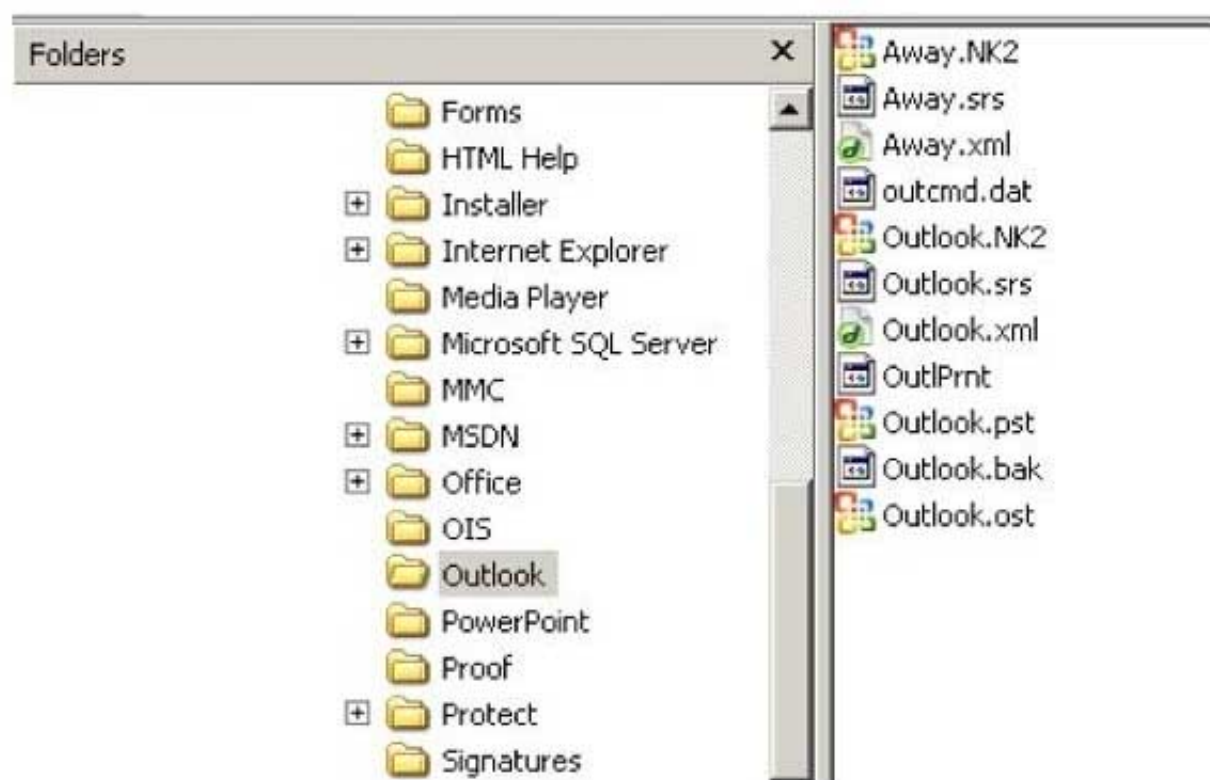
- A. The system was not able to process the packet because there was not enough room for all of the desired IP header options
- B. Immediate action required messages
- C. Some packet-matching logs were missed because the access list log messages were rate limited, or no access list log buffers were available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

Answer: D

NEW QUESTION 186

- (Exam Topic 2)

In the following directory listing,



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

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

Answer: D

NEW QUESTION 189

- (Exam Topic 2)

In Windows Security Event Log, what does an event id of 530 imply?

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

Answer: C

NEW QUESTION 190

- (Exam Topic 2)

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

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

Answer: B

NEW QUESTION 193

- (Exam Topic 2)

Which of the following options will help users to enable or disable the last access time on a system running Windows 10 OS?

- A. wmic service
- B. Reg.exe
- C. fsutil
- D. Devcon

Answer: C

NEW QUESTION 194

- (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 198

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 202

- (Exam Topic 2)

When reviewing web logs, you see an entry for resource not found in the HTTP status code field. What is the actual error code that you would see in the log for resource not found?

- A. 202
- B. 404
- C. 606
- D. 999

Answer: B

NEW QUESTION 206

- (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 208

- (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 211

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 214

- (Exam Topic 2)

While looking through the IIS log file of a web server, you find the following entries:

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

What is evident from this log file?

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

Answer: D

NEW QUESTION 216

- (Exam Topic 2)

What is the primary function of the tool CHKDSK in Windows that authenticates the file system reliability of a volume?

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

Answer: A

NEW QUESTION 218

- (Exam Topic 2)

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

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

Answer: B

NEW QUESTION 223

- (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 228

- (Exam Topic 2)

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

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

Answer: B

NEW QUESTION 229

- (Exam Topic 2)

The investigator wants to examine changes made to the system's registry by the suspect program. Which of the following tool can help the investigator?

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

Answer: C

NEW QUESTION 232

- (Exam Topic 2)

Which tool does the investigator use to extract artifacts left by Google Drive on the system?

- A. PEBrowse Professional
- B. RegScanner
- C. RAM Capturer
- D. Dependency Walker

Answer: C

NEW QUESTION 233

- (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 234

- (Exam Topic 2)

Richard is extracting volatile data from a system and uses the command doskey/history. What is he trying to extract?

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

Answer: B

NEW QUESTION 237

- (Exam Topic 2)

What is the default IIS log location?

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

Answer: B

NEW QUESTION 240

- (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 243

- (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 248

- (Exam Topic 2)

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

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

Answer: A

NEW QUESTION 253

- (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 257

- (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 262

- (Exam Topic 2)

In handling computer-related incidents, which IT role should be responsible for recovery, containment, and prevention to constituents?

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

Answer: B

NEW QUESTION 267

- (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 272

- (Exam Topic 2)

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

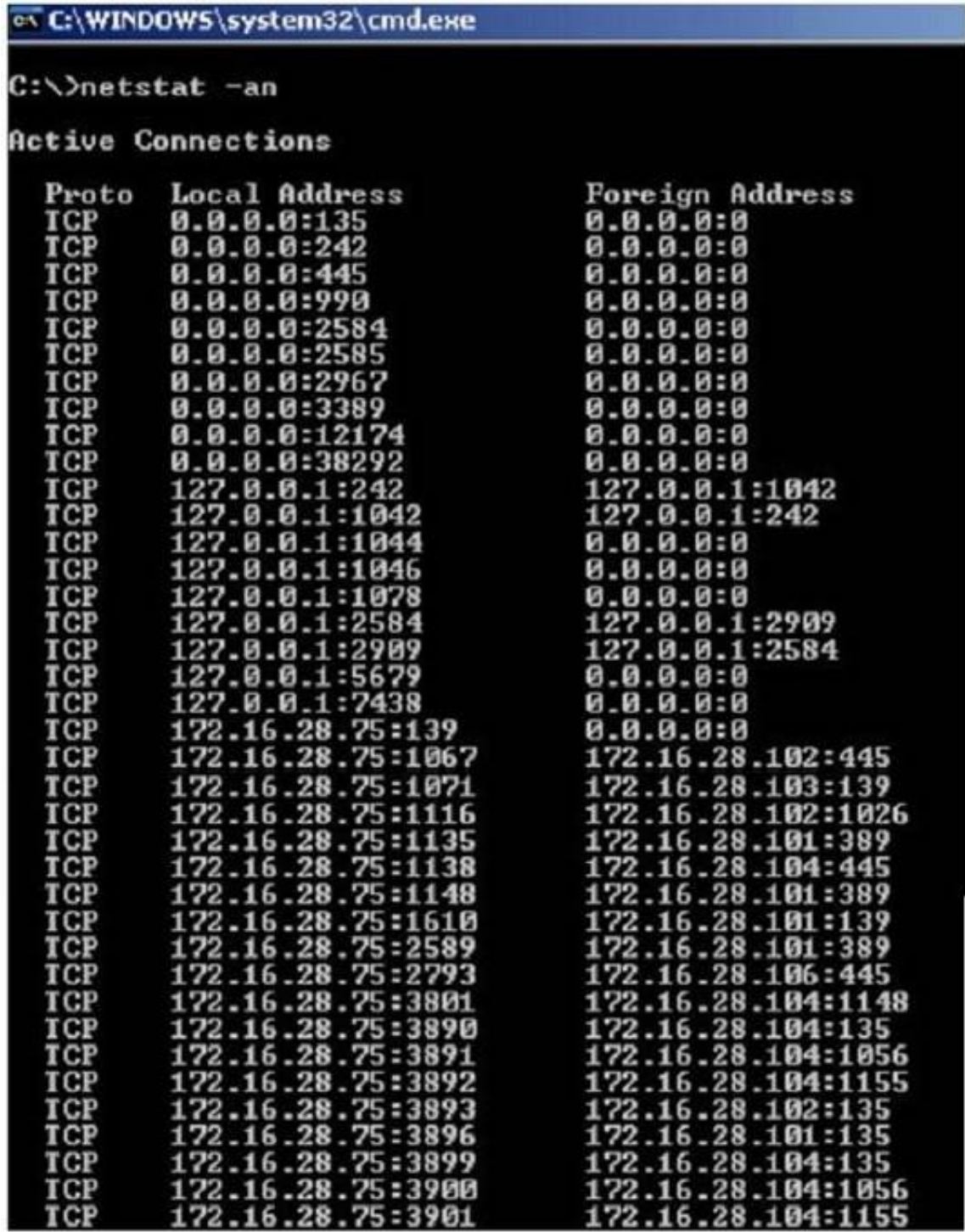
- A. Encryption
- B. Steganalysis
- C. Decryption
- D. Cryptanalysis

Answer: B

NEW QUESTION 275

- (Exam Topic 2)

Jack Smith is a forensics investigator who works for Mason Computer Investigation Services. He is investigating a computer that was infected by Ramen Virus.



```
C:\WINDOWS\system32\cmd.exe
C:\>netstat -an

Active Connections

Proto Local Address           Foreign Address
TCP   0.0.0.0:135              0.0.0.0:0
TCP   0.0.0.0:242              0.0.0.0:0
TCP   0.0.0.0:445              0.0.0.0:0
TCP   0.0.0.0:990              0.0.0.0:0
TCP   0.0.0.0:2584             0.0.0.0:0
TCP   0.0.0.0:2585             0.0.0.0:0
TCP   0.0.0.0:2967             0.0.0.0:0
TCP   0.0.0.0:3389             0.0.0.0:0
TCP   0.0.0.0:12174            0.0.0.0:0
TCP   0.0.0.0:38292            0.0.0.0:0
TCP   127.0.0.1:242            127.0.0.1:1042
TCP   127.0.0.1:1042           127.0.0.1:242
TCP   127.0.0.1:1044           0.0.0.0:0
TCP   127.0.0.1:1046           0.0.0.0:0
TCP   127.0.0.1:1078           0.0.0.0:0
TCP   127.0.0.1:2584           127.0.0.1:2909
TCP   127.0.0.1:2909           127.0.0.1:2584
TCP   127.0.0.1:5679           0.0.0.0:0
TCP   127.0.0.1:7438           0.0.0.0:0
TCP   172.16.28.75:139         0.0.0.0:0
TCP   172.16.28.75:1067        172.16.28.102:445
TCP   172.16.28.75:1071        172.16.28.103:139
TCP   172.16.28.75:1116        172.16.28.102:1026
TCP   172.16.28.75:1135        172.16.28.101:389
TCP   172.16.28.75:1138        172.16.28.104:445
TCP   172.16.28.75:1148        172.16.28.101:389
TCP   172.16.28.75:1610        172.16.28.101:139
TCP   172.16.28.75:2589        172.16.28.101:389
TCP   172.16.28.75:2793        172.16.28.106:445
TCP   172.16.28.75:3801        172.16.28.104:1148
TCP   172.16.28.75:3890        172.16.28.104:135
TCP   172.16.28.75:3891        172.16.28.104:1056
TCP   172.16.28.75:3892        172.16.28.104:1155
TCP   172.16.28.75:3893        172.16.28.102:135
TCP   172.16.28.75:3896        172.16.28.101:135
TCP   172.16.28.75:3899        172.16.28.104:135
TCP   172.16.28.75:3900        172.16.28.104:1056
TCP   172.16.28.75:3901        172.16.28.104:1155
```

He runs the netstat command on the machine to see its current connections. In the following screenshot, what do the 0.0.0.0 IP addresses signify?

- A. Those connections are established
- B. Those connections are in listening mode
- C. Those connections are in closed/waiting mode
- D. Those connections are in timed out/waiting mode

Answer: B

NEW QUESTION 280

- (Exam Topic 2)

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

- A. He should contact the network operator for a Temporary Unlock Code (TUK)
- B. Use system and hardware tools to gain access

- C. He can attempt PIN guesses after 24 hours
- D. He should contact the network operator for Personal Unlock Number (PUK)

Answer: D

NEW QUESTION 284

- (Exam Topic 2)

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

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

Answer: A

NEW QUESTION 288

- (Exam Topic 2)

Which of the following files stores information about a local Google Drive installation such as User email ID, Local Sync Root Path, and Client version installed?

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

Answer: D

NEW QUESTION 292

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 297

- (Exam Topic 2)

If you are concerned about a high level of compression but not concerned about any possible data loss, what type of compression would you use?

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

Answer: B

NEW QUESTION 301

- (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 305

- (Exam Topic 2)

What type of equipment would a forensics investigator store in a StrongHold bag?

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

Answer: D

NEW QUESTION 307

- (Exam Topic 2)

Where is the default location for Apache access logs on a Linux computer?

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

Answer: A

NEW QUESTION 309

- (Exam Topic 2)

When investigating a computer forensics case where Microsoft Exchange and Blackberry Enterprise server are used, where would investigator need to search to find email sent from a Blackberry device?

- A. RIM Messaging center
- B. Blackberry Enterprise server
- C. Microsoft Exchange server
- D. Blackberry desktop redirector

Answer: C

NEW QUESTION 311

- (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 315

- (Exam Topic 2)

When making the preliminary investigations in a sexual harassment case, how many investigators are you recommended having?

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

Answer: B

NEW QUESTION 320

- (Exam Topic 1)

Volatile Memory is one of the leading problems for forensics. Worms such as code Red are memory resident and do write themselves to the hard drive, if you turn the system off they disappear. In a lab environment, which of the following options would you suggest as the most appropriate to overcome the problem of capturing volatile memory?

- A. Use VMware to be able to capture the data in memory and examine it
- B. Give the Operating System a minimal amount of memory, forcing it to use a swap file
- C. Create a Separate partition of several hundred megabytes and place the swap file there
- D. Use intrusion forensic techniques to study memory resident infections

Answer: C

NEW QUESTION 323

- (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 327

- (Exam Topic 1)

Why should you note all cable connections for a computer you want to seize as evidence?

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

Answer: A

NEW QUESTION 330

- (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 332

- (Exam Topic 1)

You are a security analyst performing a penetration tests for a company in the Midwest. After some initial reconnaissance, you discover the IP addresses of some Cisco routers used by the company. You type in the following URL that includes the IP address of one of the routers:

`http://172.168.4.131/level/99/exec/show/config`

After typing in this URL, you are presented with the entire configuration file for that router. What have you discovered?

- A. HTTP Configuration Arbitrary Administrative Access Vulnerability
- B. HTML Configuration Arbitrary Administrative Access Vulnerability
- C. Cisco IOS Arbitrary Administrative Access Online Vulnerability
- D. URL Obfuscation Arbitrary Administrative Access Vulnerability

Answer: A

NEW QUESTION 333

- (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 337

- (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 341

- (Exam Topic 1)

Area density refers to:

- A. the amount of data per disk
- B. the amount of data per partition
- C. the amount of data per square inch
- D. the amount of data per platter

Answer: A

NEW QUESTION 344

- (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 349

- (Exam Topic 1)

What does the superblock in Linux define?

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

Answer: C

NEW QUESTION 351

- (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 353

- (Exam Topic 1)

When cataloging digital evidence, the primary goal is to

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

Answer: B

NEW QUESTION 358

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 360

- (Exam Topic 1)

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

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

Answer: C

NEW QUESTION 362

- (Exam Topic 1)

Which legal document allows law enforcement to search an office, place of business, or other locale for evidence relating to an alleged crime?

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

Answer: D

NEW QUESTION 366

- (Exam Topic 1)

What does ICMP Type 3/Code 13 mean?

- A. Host Unreachable
- B. Administratively Blocked
- C. Port Unreachable
- D. Protocol Unreachable

Answer: B

NEW QUESTION 371

- (Exam Topic 1)

Study the log given below and answer the following question:

Apr 24 14:46:46 [4663]: spp_portscan: portscan detected from 194.222.156.169

Apr 24 14:46:46 [4663]: IDS27/FIN Scan: 194.222.156.169:56693 -> 172.16.1.107:482

Apr 24 18:01:05 [4663]: IDS/DNS-version-query: 212.244.97.121:3485 -> 172.16.1.107:53

Apr 24 19:04:01 [4663]: IDS213/ftp-passwd-retrieval: 194.222.156.169:1425 -> 172.16.1.107:21

Apr 25 08:02:41 [5875]: spp_portscan: PORTSCAN DETECTED from 24.9.255.53

Apr 25 02:08:07 [5875]: IDS277/DNS-version-query: 63.226.81.13:4499 -> 172.16.1.107:53

Apr 25 02:08:07 [5875]: IDS277/DNS-version-query: 63.226.81.13:4630 -> 172.16.1.101:53

Apr 25 02:38:17 [5875]: IDS/RPC-rpcinfo-query: 212.251.1.94:642 -> 172.16.1.107:111

Apr 25 19:37:32 [5875]: IDS230/web-cgi-space-wildcard: 198.173.35.164:4221 -> 172.16.1.107:80

Apr 26 05:45:12 [6283]: IDS212/dns-zone-transfer: 38.31.107.87:2291 -> 172.16.1.101:53

Apr 26 06:43:05 [6283]: IDS181/nops-x86: 63.226.81.13:1351 -> 172.16.1.107:53

Apr 26 06:44:25 victim7 PAM_pwd[12509]: (login) session opened for user simple by (uid=0)

Apr 26 06:44:36 victim7 PAM_pwd[12521]: (su) session opened for user simon by simple(uid=506) Apr 26 06:45:34 [6283]: IDS175/socks-probe: 24.112.167.35:20 -> 172.16.1.107:1080

Apr 26 06:52:10 [6283]: IDS127/telnet-login-incorrect: 172.16.1.107:23 -> 213.28.22.189:4558

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

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

Answer: A

NEW QUESTION 374

- (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 379

- (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 383

- (Exam Topic 1)

When obtaining a warrant, it is important to:

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

Answer: A

NEW QUESTION 387

- (Exam Topic 1)

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

Answer: B

NEW QUESTION 392

- (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 393

- (Exam Topic 1)

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

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

Answer: C

NEW QUESTION 396

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 400

- (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 403

- (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 404

- (Exam Topic 1)

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

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

Answer: D

NEW QUESTION 408

- (Exam Topic 1)

After undergoing an external IT audit, George realizes his network is vulnerable to DDoS attacks. What countermeasures could he take to prevent DDoS attacks?

- A. Enable direct broadcasts
- B. Disable direct broadcasts

NEW QUESTION 423

- (Exam Topic 1)

You should make at least how many bit-stream copies of a suspect drive?

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

Answer: B

NEW QUESTION 427

- (Exam Topic 1)

How many sectors will a 125 KB file use in a FAT32 file system?

- A. 32
- B. 16
- C. 256
- D. 25

Answer: C

NEW QUESTION 432

- (Exam Topic 1)

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

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

Answer: D

NEW QUESTION 436

- (Exam Topic 1)

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

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

Answer: A

NEW QUESTION 439

- (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 442

- (Exam Topic 1)

Your company uses Cisco routers exclusively throughout the network. After securing the routers to the best of your knowledge, an outside security firm is brought in to assess the network security.

Although they found very few issues, they were able to enumerate the model, OS version, and capabilities for all your Cisco routers with very little effort. Which feature will you disable to eliminate the ability to enumerate this information on your Cisco routers?

- A. Border Gateway Protocol
- B. Cisco Discovery Protocol
- C. Broadcast System Protocol
- D. Simple Network Management Protocol

Answer: B

NEW QUESTION 447

- (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 450

- (Exam Topic 1)

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

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

Answer: AB

NEW QUESTION 453

- (Exam Topic 1)

With the standard Linux second extended file system (Ext2fs), a file is deleted when the inode internal link count reaches ____.

- A. 10
- B. 100
- C. 1

Answer: A

NEW QUESTION 456

- (Exam Topic 1)

You are conducting an investigation of fraudulent claims in an insurance company that involves complex text searches through large numbers of documents. Which of the following tools would allow you to quickly and efficiently search for a string within a file on the bitmap image of the target computer?

- A. Stringsearch
- B. grep
- C. dir
- D. vim

Answer: B

NEW QUESTION 457

- (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 458

- (Exam Topic 1)

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

- A. true
- B. false

Answer: A

NEW QUESTION 459

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