

Mod 01: Understanding the Digital Forensics Profession and Investigations

1. Mahmood is examining a device for digital evidence. There are two types of evidence he is looking for. Which type of evidence will prove that his client is not guilty?

- a. Inculpatory evidence
- b. Exculpatory evidence
- c. Miaculpatory evidence
- d. Discretionary evidence

ANSWER:

b

RATIONALE:

Mahmood is looking for exculpatory evidence which is evidence that tends to show that a defendant is not guilty of the crime they have been charged with. This type of evidence can help to exonerate or clear the defendant of the charges. Exculpatory evidence can include physical evidence, witness statements, or other types of evidence that support the defendant's innocence.

POINTS:

1

QUESTION TYPE:

Multiple Choice

HAS VARIABLES:

False

LEARNING OBJECTIVES:

Ceng.GuideForens.25.1.1 - Describe the field of digital forensics

TOPICS:

An Overview of Digital Forensics

KEYWORDS:

Bloom's: Remember/Understand

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2. What are the main differences between public-sector investigations and private-sector investigations?

- a. Private-sector investigations involve government agencies responsible for criminal investigations and prosecution. Public-sector investigations focus more on policy violations.
- b. Private-sector investigations can become criminal investigations and public-sector investigations can become civil investigations depending upon the circumstances.
- c. Public-sector investigations involve government agencies responsible for criminal investigations and prosecution. Private-sector investigations focus more on policy violations.
- d. The private sector can ignore criminal investigations, and the public sector can ignore civil investigations.

ANSWER:

b, c

RATIONALE:

In general, the main difference between public-sector and private sector investigations is that the public-sector investigations involve government agencies responsible for criminal investigations and prosecution. Government agencies range from municipal, county, and state or provincial police departments to federal law enforcement agencies. These organizations must observe legal guidelines of their jurisdictions. Private-sector investigations focus more on policy violations. However, criminal acts, such as corporate espionage, can also occur. So, although private-sector investigations often start as civil cases, they can develop into criminal cases; likewise, a criminal case can have implications leading to a civil case.

POINTS:

1

QUESTION TYPE:

Multiple Response

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Sebastian Brünink



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professionals **Guide to Computer Forensics and Investigations**, 2010 **Malware Forensics Field Guide for Windows Systems** Cameron H. Malin, Eoghan Casey, James M. Aquilina, 2012-06-13 Addresses the legal concerns often encountered on site **Digital Forensics in the Era of Artificial Intelligence** Nour Moustafa, 2022-07-18 Digital forensics plays a crucial role in identifying analysing and presenting cyber threats as evidence in a court of law Artificial intelligence particularly machine learning and deep learning enables automation of the digital investigation process This book provides an in depth look at the fundamental and advanced methods in digital forensics It also discusses how machine learning and deep learning algorithms can be used to detect and investigate cybercrimes This book demonstrates digital forensics and cyber investigating techniques with real world applications It examines hard disk analytics and style architectures including Master Boot Record and GUID Partition Table as part of the investigative process It also covers cyberattack analysis in Windows Linux and network systems using virtual machines in real world scenarios Digital Forensics in the Era of Artificial Intelligence will be helpful for those interested in digital forensics and using machine learning techniques in the investigation of cyberattacks and the detection of evidence in cybercrimes **Studyguide for Computer Forensics by Maras, Marie-Helen, ISBN 9781449692223** Cram101 Textbook Reviews, 2014-05-02 Never HIGHLIGHT a Book Again Includes all testable terms concepts persons places and events Cram101 Just the FACTS101 studyguides gives all of the outlines highlights and quizzes for your textbook with optional online comprehensive practice tests Only Cram101 is Textbook Specific Accompanies 9781449692223 This item is printed on demand *CompTIA Security+ Certification Study Guide, Third Edition (Exam SY0-501)* Glen E. Clarke, 2017-11-10 This fully updated exam focused study aid covers everything you need to know and shows you how to prepare for the CompTIA Security exam Thoroughly revised to cover every objective on the latest version of the CompTIA Security exam SY0 501 this powerful self study resource offers more than 400 questions that accurately mirror those on the actual test Authored by training and certification expert Glen Clarke the book provides in depth explanations for both correct and incorrect answer choices CompTIA Security Certification Study Guide Third Edition offers three complete practice exams one pre assessment test and two final exams intended to measure progress and prepare for the live test Within the customizable test engine questions may be organized by chapter and exam domain allowing readers to focus on specific topics and tailor a highly effective course of study Provides 100% coverage of all objectives on the CompTIA Security exam SY0 501 Includes coverage of performance based questions Electronic content includes training videos from the author all 50 exercises from the book in a Lab Book PDF a pre assessment exam 2 complete practice exams Glossary and a secured book PDF *Big Digital Forensic Data* Darren Quick, Kim-Kwang Raymond Choo, 2018-06-12 This book provides an in depth understanding of big data challenges to digital forensic investigations also known as big digital forensic data It also develops the basis of using data mining in big forensic data analysis including data reduction knowledge management intelligence and data mining principles to achieve faster analysis in digital forensic investigations By collecting

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