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Viewed generically, anti-forensics (AF) is that set of tactics and measures taken by someone who wants to thwart the digital investigation process. This paper describes Download chapter PDF. Anti-forensics is a big challenge that cyber forensic experts encounter with the modern cybercriminals. Thus, new research initiatives and strategies must be In this paper will be discussed about exploratory experiments on the use of anti-forensic techniques to counteract the digital forensic methods and effect obtained by the use of Anti-Forensics: tools and techniques that frustrate forensic tools, investigations and investigators Goals of Anti-Forensics: Avoiding detection Disrupting information collection Increasing the examiner's time Casting doubt on a forensic report or testimony (Liu and Brown,) Forcing a tool to reveal its presence Anti-forensics Active measures and techniques taken by a computer user to mislead or obstruct an examiner. Download chapter PDF These are a collection of tools and techniques used to damage, erase, or modify data that obstructs the normal forensic examination Anti-Forensics: Techniques, Detection and Countermeasures. This paper describes some of the many AF tools and Common methods include deleting relevant files, creating bogus artifacts, modifying time stamps, log file alterations, creation of file system artifacts that can disrupt operation of common forensic tools and other measures In this work we first collect and categorize antidigital forensic tools to survey the field. These are a collection of tools and Anti-forensic tools, techniques and methods are becoming a formidable obstacle for the digital forensic community. Viewed generically, anti-forensics (AF) is that set of tactics and measures taken by someone who wants to thwart the digital investigation process. This paper attempts to arrive at a standardized method of addressing anti-forensics by defining the term, categorizing the anti-forensics techniques and outlining general Various studies have investigated Anti-Digital Forensics techniques employed by cyber-criminals to hide their activities, but a comprehensive analysis of the various existing Anti-Forensics (AF) tools and techniques frustrate CFTs by erasing or altering information; creating "chaff" that wastes time and hides information; implicating innocent CHAPTERAnti-forensics is a big challenge that cyber forensic experts encounter with the modern cybercriminals. We then devise an extended anti-forensic taxonomy to the one proposed by Rogers () in Anti-forensics or counter-forensics could be an option to defend against espionage as recovery of information by forensics tools could be minimized. These are a collection of tools and techniques used to damage, erase, or modify data that obstructs the normal forensic examination Abstract. This paper categorizes traditional AF techniques such as encrypted file systems and disk sanitization utilities, and presents a survey of recent AF tools including Timestomp and Transmogrify, and evaluates the effectiveness of these tools for defeating CFTs This paper describes some of the many AF tools and methods, under the broad classifications of data hiding, artefact wiping, trail obfuscation, and attacks on the forensics tools themselves.