

Week 7 discussion

by B N

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Forensics Comparison

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Introduction

Digital forensics is also known as digital forensic science. It refers to the recovery and investigations of digital devices such as cell phones, digital cameras, and computers while ¹ network forensics is a sub-branch of the digital forensics which does monitoring and analysis of computer network traffic for gathering information. Also, its investigation deals with volatile and dynamic data. The following discussion analyses precisely the differences between digital forensics and network forensics.

Differences

Digital forensics usually preserve their information in the disk while network forensics is more volatile and unpredictable. The CDs used to write data can get easily retrieved in the case of digital forensic experts. Available data can get extracted but using complicated procedures and take too long in the case of a network judicial since the path followed becomes hard.

The primary use for a digital forensic ² is to determine if a device has been used for illegal purposes for instance computer hacking, storing illegal pornography or recording of illicit activities whereas network forensics got three primary purposes. Operational intelligence which entails the manifest in metrics visibility into availability and performance. Security and compliance used in the indemnification of traffic patterns that looks malicious attempted breach and malware. Lastly, it's the customer insight, is a business performance analysis which includes full-time monitoring event impacts and correlations (Garfinkel, 2010).

Conclusion

In summary, the contrasts provided give a vast operational dynamic on the intelligence used and the modern technological aspects of the whole forensics study. Networks and websites

make sure that everybody has the chance to facilitate the use of and the implementation of the forensic objectives of executing and resting a case about fraud and court predicaments.

References

Garfinkel, S. L. (2010). Digital forensics research: The next 10 years. *digital investigation*, 7, S64-S73.

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