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Proceedings of the 2018 7th International Conference on Computer and Communication Engineering, ICCCE 2018
16 November 2018, Article number 8539257, Pages 135-140
7th International Conference on Computer and Communication Engineering, ICCCE 2018; Kuala Lumpur; Malaysia; 19 September 2018 through 20 September 2018; Category numberCFP1839D-USB; Code 142740

Analysis of THUG : A Low-Interaction Client Honeypot to Identify Malicious Websites and Malwares (Conference Paper)

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Abstract

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Cybersecurity is becoming more relevant throughout time. As information and technologies expand, so does the potential for it to be exploited. Computer and media have become more widespread in every modern country in the world. Unfortunately, certain community uses this opportunity to exploit the vulnerabilities that these computers left behind. Black hat, which is more identified as hackers and exploiters, uses the networks and servers that are commonly used to gain unauthorized information and data on the innocent victim. This work analyzes several honeypots and makes comparisons between them. Analysis has been done on the results to figure the disadvantages between each honeypot and try to improve one of the honeypots based on programming. The honeypot is deployed to simulate its effectiveness in combating cybercrime by detecting and collecting the information captured on the web browsers. © 2018 IEEE.

SciVal Topic Prominence

Topic: Websites | Computer crime | drive-by download

Prominence percentile: 83.846

Author keywords

Black Hat Cybersecurity Honeypot

Indexed keywords

Engineering controlled terms: Malware Personal computing Web browsers

Engineering uncontrolled terms: Black Hat Client Honeypot Cyber security Cybercrime Honeybots Information and technologies Malwares

Engineering main heading: Network security

Funding details

Funding sponsor	Funding number	Acronym
International Islamic University Malaysia	FRG516-067-0566	IIUM

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ISBN: 978-153866991-4

Source Type: Conference Proceeding

Original language: English

DOI: 10.1109/ICCCE.2018.8539257

Document Type: Conference Paper

Publisher: Institute of Electrical and Electronics Engineers Inc.

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- 1 Nawrocki, M., Wahlisch, M., Schmidt, T.C., Keil, C., Matthias, W.
(2016) *A Survey on Honeygot Software and Data Analysis*. Cited 16 times.
arXiv preprint arXiv: 1608.06249
- 2 Mairh, A., Barik, D., Verma, K., Jena, D.
Honeygot in network security: A survey
Proceedings of the 2011 International. Cited 2 times.
- 3 (2011) *Conference on Communication, Computing & Security*. ACM, pp. 600-605.
- 4 Provos, N., Holz, T.
(2007) *Virtual Honeygot: From Botnet Tracking to Intrusion Detection*. Cited 159 times.
Addison-Wesley Professional, Reading
- 5 (2017) *Welcome to Thug's Documentation!-Thug 0.8.33 Documentation*
Angelo Del'Aera [Accessed: 10-Apr2017]
<https://buffer.github.io/thug/doc/index.html>
- 6 Mansoori, M., Welch, I., Fu, Q.
YALIH, yet another low interaction honeyclient

(2014) *Conferences in Research and Practice in Information Technology Series*, 149, pp. 7-15. Cited 7 times.
ISBN: 978-192177032-6
- 7 (2016) *PyClamD: Clamav with Python*
Alexandre norman [Accessed: 9-May2017]
<http://xael.org/pages/pyclamd-en.html>
- 8 (2016) *Chapter 1. First steps*
[Accessed: 9-May2017]
<https://www.virtualbox.org/manual/ch01.html>
- 9 (2016)
[Accessed: 09-May-2017]
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