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- [53] G. Willems, T. Holz, and F. Freiling, "Toward automated dynamic malware analysis using CWSandbox," *IEEE Security and Privacy*, vol. 5, no. 2, pp. 32–39, 2007.
- [54] M. H. Ligh, S. Adair, B. Hartstein, and M. Richard, *Malware analyst's cookbook and DVD: tools and techniques for fighting malicious code*. Wiley Publishing, 2011.
- [55] Adlice Software, "Rootkits hooks," 2014. [Online]. Available: <https://www.adlice.com/>.
- [56] S. Kim, J. Park, K. Lee, I. You, and K. Yim, "A Brief Survey on Rootkit Techniques in Malicious Codes," *J. Internet Serv. Inf. Secur.*, vol. 3, no. 4, pp. 134–147, 2012.
- [57] A. Hosseini, "Ten Process Injection Techniques: A Technical Survey Of Common And Trending Process Injection Techniques," 2017. [Online]. Available: <https://www.endgame.com/blog/technical-blog/ten-process-injection-techniques-technical-survey-common-and-trending-process>.
- [58] J. Berdajs and Z. Bosnic, "Extending applications using an advanced approach to DLL injection and API hooking," *Softw. - Pract. Exp.*, vol. 40, no. 7, pp. 567–584, 2010.
- [59] J. Butler, J. L. Undercoffer, and J. Pinkston, "Hidden processes: The implication for intrusion detection," in *IEEE Systems, Man and Cybernetics Society Information Assurance Workshop*, 2003, pp. 116–121.
- [60] S. T. Jones, A. C. Arpaci-Dusseau, and R. H. Arpaci-Dusseau, "VMM-based hidden process detection and identification using Lycosid," in *Proceedings of the fourth ACM SIGPLAN/SIGOPS international conference on Virtual execution environments - VEE '08*, 2008, pp. 91–100.
- [61] A. Schuster, "Searching for processes and threads in Microsoft Windows memory dumps," *Digit. Investig.*, vol. 3, no. SUPPL., pp. 10–16, 2006.
- [62] K. Lee, H. Hwang, K. Kim, and B. N. Noh, "Robust bootstrapping memory analysis against anti-forensics," *Digit. Investig.*, vol. 18, pp. S23–S32, 2016.
- [63] A. Moser, C. Kruegel, and E. Kirda, "Limits of static analysis for malware detection," in *Proceedings - Annual Computer Security Applications Conference, ACSAC, 2007*, pp. 421–430.
- [64] J. Okolica and G. Peterson, "A compiled memory analysis tool," in *IFIP Advances in Information and Communication Technology*, 2010, vol. 337 AICT, pp. 195–204.
- [65] V. ATLURI, Anoop Chowdary; TRAN, *Botnets threat analysis and detection*. Cham, 2017.
- [66] Endgame, "Ember," 2018. [Online]. Available: <https://www.endgame.com/blog/technical-blog/introducing-ember-open-source-classifier-and-dataset>.
- [67] Microsoft, "Microsoft Malware Classification Challenge (BIG 2015)," 2015. [Online]. Available: <https://www.kaggle.com/c/malware-classification>.