

Reference list for Student Presentation

Please pick one paper from the following list and inform Dr. Huang about your choice. More papers may be added later. If you have problem downloading the paper, please contact me.

Student presentation will start October 12. Each presentation shall last about one hour which will leave about 15 minutes for discussion.

1. Arun Viswanathan, Kymie Tan, and Clifford Neuman, "Deconstructing the Assessment of Anomaly-based Intrusion Detectors," RAID 2013, LNCS 8145, pp. 286–306, 2013.
2. Christoph Egger, Johannes Schlumberger, Christopher Kruegel, and Giovanni Vigna, "Practical Attacks against the I2P Network" RAID 2013, LNCS 8145, pp. 432–451, 2013.
3. Adrian Tang, Simha Sethumadhavan, and Salvatore J. Stolfo, "Unsupervised Anomaly-Based Malware Detection Using Hardware Features" RAID 2014, LNCS 8688, pp. 109-129, 2014.
4. J. Benito Camiña, Jorge Rodríguez, and Raúl Monroy, "Towards a Masquerade Detection System Based on User's Tasks," RAID 2014, LNCS 8688, pp. 447–465, 2014. [Assigned to Calvin Raines]
5. Xiaokui Shu, Danfeng (Daphne) Yao, and Barbara G. Ryder, "A Formal Framework for Program Anomaly Detection," RAID 2015, LNCS 9404, pp. 270–292, 2015.
6. Thomas Barabosch, Adrian Dombeck, Khaled Yakdan, and Elmar Gerhards-Padilla, "BOTWATCHER Transparent and Generic Botnet Tracking," RAID 2015, LNCS 9404, pp. 565–587, 2015.
7. Tianwei Zhang, Yinqian Zhang, and Ruby B. Lee, "CloudRadar: A Real-Time Side-Channel Attack Detection System in Clouds," RAID 2016, LNCS 9854, pp. 118–140, 2016. [Assigned to Naina Chaturvedi]
8. Nikita Borisov, Robin Snader, "Improving Security and Performance in the Tor Network through Tunable Path Selection", IEEE Transactions on Dependable and Secure Computing, vol. 8, pp. 728-741, September/October 2011, doi:10.1109/TDSC.2010.40. [Assigned to Zechun Cao]
9. Mordechai Guri, Yisroel Mirsky, Yuval Elovici, "9-1-1 DDoS: Threat, Analysis and Mitigation", [arXiv:1609.02353](https://arxiv.org/abs/1609.02353). [Assigned to Xi Lu]
10. R. Lin et al, "Stepping stone detection at the server side," in the proceeding 4th IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS), pp. 964 – 969, 2011. [Assigned to Devin Crane].
11. X. Wang et al, "An efficient sequential watermark detection model for tracing network attack flows," in the proceeding of 16th IEEE International Conference on Computer Supported Cooperative Work in Design (CSCWD), pp. 236 – 243, 2012.