DAFTAR PUSTAKA

[1]   T. Kudrass, "Integrated University Information Systems," *Yannis Manolopoulos; Joaquim Filipe*, pp. 208–214, 2006.

[2]   O. V. M. K, "A survey of computer-based information systems security implemented by large private manufacturing companies in Kenya," *Univ. Nairobi*, no. Unpublished MBA Thesis, 2004.

[3]   X. Luo and M. Warkentin, "Assessment of Information Security Spending and Costs of Failure," *Proc. Third Secur. Conf.*, no. May 2017, pp. 1–7, 2004.

[4]   L. Coleman and B. M. Purcell, "Data Breaches in Higher Education," *J. Bus. Cases Appl.*, vol. 15, no. 15, pp. 1–7, 2015.

[5]   J. L. Grama, "Just in Time Research: Data Breaches in Higher Education," *Educ. Cent. Anal. Res.*, 2014.

[6]   I. Sumantri, "Iwan Sumantri - Cyber Threat Indonesia 2013," *IDSIRTII*, 2013. [Online]. Available: https://www.slideshare.net/idhoneynet/cyber-threats-honeynet-indonesia-18-juni-2013. [Accessed: 28-Jul-2017].

[7]   M. M. SULTHONY, "EVALUASI KEAMANAN SISTEM INFORMASI PUSAT SISTEM DAN SUMBER DAYA INFORMASI UNIVERSITAS GADJAH MADA MENGGUNAKAN INDEKS KEAMANAN INFORMASI (INDEKS KAMI)," *UGM*, 2014.

[8]   A. W. Prabowo, "Scanning Celah Keamanan Pada Website www.ugm.ac.id/en Menggunakan NIKTO WEB SCANNER," *UGM*, 2011.

[9]   Ramadhani, "Analisi Keamanan Jaringan Wireless Di Universitas Gadjah Mada Dengan Menggunakan Metode Wardriving," *UGM*, 2010.

[10]   Simaremare, "Pengembangan Sistem Keamanan Jaringan Intranet UGM Menggunakan Metode IPS (Intrusion Prevention System)," *UGM*, 2007.

[11]   R. Budiarto, S. Ramadass, A. Samsudin, and S. Noor, "Development of penetration testing model for increasing network security," *Proceedings. 2004 Int. Conf. Inf. Commun. Technol. From Theory to Appl. 2004.*, pp. 563–564, 2004.

[12]   N. Shrestha, "Security Assessment via Penetration Testing: A Network and

System Administrator's Approach," *Univ. OSLO*, no. Unpublished Thesis, 2012.

[13] Y. Pantiwati, "Integrasi Asesmen Autentik dalam Pembelajaran," vol. 11, no. 2, pp. 77–84, 2011.

[14] K. Scarfone and A. Orebaugh, "Technical Guide to Information Security Testing and Assessment Recommendations of the National Institute of Standards and Technology," *Nist Spec. Publ.*, vol. 800, pp. 1–80, 2008.

[15] OISSG, "Information Systems Security Assessment Framework (ISSAF)," *OISSG*, vol. Draft 0.2., pp. 1–845, Dec. 2006.

[16] OWASP, "OWASP Risk Rating Methodology - OWASP." [Online]. Available:

https://www.owasp.org/index.php/OWASP_Risk_Rating_Methodology.

[Accessed: 19-Jun-2017].

[17] A. Gupta and K. Kaur, "Vulnerability Assessment and Penetration Testing," *IJETT*, vol. 4, no. 3, pp. 328–333, 2013.

[18] J. K. Appiah, "Network and Systems Security Assessment using penetration testing in a university environment: The case of Central University College.," *kwame nkrumah Univ. Sci. Technol.*, no. Unpublished MPhil Thesis, 2014.

[19] R. Vibhandik and A. K. Bose, "Vulnerability Assesment of Web Application - Testing Approach," *IEEE*, no. 15, pp. 16–21, 2015.

[20] P. S. Shinde and S. B. Ardhapurkar, "Cyber Security Analysis Using Vulnerability Assessment and Penetration Testing," *IEEE Spons. World Conf. Futur. Trends Res. Innov. Soc. Welf. (Startup Conclave)*, pp. 1–5, 2016.

[21] J. P. McDermott, "Attack net penetration testing," *Proc. 2000 Work. New Secur. Paradig.*, pp. 15–21, 2001.

[22] Y. Cherdantseva and J. Hilton, "A Reference Model of Information Assurance & Security," *Int. Conf. Availability, Reliab. Secur.*, pp. 546–555, 2013.

[23] ANSI, "ISO/IEC FDIS 17799," *ITTF*, 2005.

[24] J. Ramachandran, *Designing Security Architecture Solutions*. Wiley Computer Publishing, 2002.

[25] Northcutt, "Penetration Testing: Assessing Your Overall Security Before Attackers Do Copyright," *SANS Insitute*, 2006.

[26] M. J. Aileen G. Bacudio, Xiaohong Yuan, Bei-Tseng Bill Chu, "An Overview of Penetration Testing," *Int. J. Netw. Secur. Its Appl.*, vol. 3, no. 6, pp. 50–74, 2011.

[27] Federal Office for Information Security (BSI), "Study: A Penetration Testing Model Security," *BSI*, 2003.

[28] OWASP, "OWASP Top 10 2017," *OWASP*, p. 23, 2017.

[29] C. Kane, "Vulnerability Assessment Process," *UC*, 2015.

[30] I. E. C. Jtc, "Information Technology — Programming languages , their environments and system software interfaces — Extensions to the C Library , — Part I□ : Bounds-checking interfaces — ISO / IEC TR 24731-1 Copyright notice," *IEC*, no. 5, 2007.

[31] Project-1D, "Project-1D," *Comput. Networks*, vol. CSCI551, 2016.

[32] P. Keski-korsu, "Automated port scanning and security testing on a single network host," *Univ. OULU*, vol. Master The, no. April, 2016.

[33] F. Project, "Running the Web App," *Comput. Syst. Secur.*, vol. CS166, pp. 1–10.

[34] B. D. A. G and M. Stampar, "Sqlmap User ' S Manual," 2016.

[35] G. Giacobbi, "The GNU Netcat," *Gnu*, 2004.

[36] H. W. D. WARDHANA, "ANALISIS HASIL SIMULASI UJI PENETRASI SISTEM KEAMANAN JARINGAN KOMPUTER JURUSAN TEKNIK ELEKTRO DAN TEKNOLOGI INFORMASI UNIVERSITAS GADJAH MADA," *UGM*, 2014.

[37] S. Türpe and J. Eichler, "Testing production systems safely: Common precautions in penetration testing," *TAIC PART 2009 - Test. Acad. Ind. Conf. - Pract. Res. Tech.*, pp. 205–209, 2009.

[38] M. Prandini and Ramilli, "Towards a practical and effective security testing methodology," *Proc. - IEEE Symp. Comput. Commun.*, pp. 320–325, 2010.