Abstract

Windows operating systems are very popular among people from common men to specialists also. We will be working on some operating systems in this paper. People out of there often select windows operating system as importance among several others. So are our information and data secured? To answer this we make use of penetration testing on window client operating system and test various exploits on windows operating system by using the kali Linux Operating system. Try to exploit operating system. Penetration tests provide evidence that vulnerabilities do exist as a result network penetrations are possible as well as any workstation vulnerability. They provide a blueprint for remediation. Methodology include: discovery, enumeration, vulnerability identification, vulnerability assessment, exploitation and launching of attack, reporting, external penetration testing, internal penetration testing, legal issues before you start.

References
Results of Penetration Testing on different Windows Client Operating Systems

1. Vulnerability Assessment and Penetration Testing
   http://www.aretecon.com/aretesoftwares/vapt.html

2. Internet Crime Complaint Centre link: www.ic3.gov

3. Liu, Bingchang; Shi, Liang; Cai, Zhuhua; Li, Min; “Software vulnerability Discovery
   Techniques: A Survey” IEEE Conference Publication, DOI: 10.1109/MINES.2012.202, Page(s)
   152-156, 2012

4. Smith, Yurick, Doss “Ethical Hacking” IEEE Conference Publication,
   DOI:10.1147/sj.403.0769, Page (s): 769-780

   Conference Publication, DOI: 10.1109/MSP.2006.146, Page(s): 56-59

6. Prakash Chandra Behera, Chinmaya Dash “Ethical Hacking: A Security Assessment Tool
   to Uncover Loopholes and Vulnerabilities in Network and to Ensure Protection to the System”,
   International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 –
   8616 Volume 4, Special Issue May 2015.


8. Budiarto, R., Sureswaran Ramadass “Development of penetration testing model for
   increasing security” Information and Communication Technologies: From Theory to
   Applications, 2004. 2004 International Conference on Date of Conference: 19-23 April 2004,
   Page(s): 563 - 564.


Index Terms

   Computer Science
   Information Sciences

Keywords

Exploit, payload, Hacker, Structure hacking, unstructured hacking, Penetration Testing,
Information Security.