Abstract

Operating system is the heart of computing system. It is an important component of any computer system. Although there are several operating systems in desktop environment, in this study we will focus on Windows operating system (OS). Windows based applications have clearly come to dominate the desktop environment. Window OS offers the full power of a modern operating system, including virtual memory, process, file protection and networking. The objectives of this study are to identify the vulnerabilities based on Window OS and to classify the vulnerabilities based on Window OS. Severity rating system from Microsoft Security Response Center (MSRC) will be used in order to identify the vulnerabilities. Meanwhile, we will use the classification scheme of intrusion technique to classify the vulnerabilities. This research expose about security flaws in Windows OS and how they can arise.