**Vulnerability Scan Using Kali Linux**

**What does the article teach you about carrying out vulnerability scans using Kali?**

Kali comes in with different range of built-in tools for vulnerability scanning and assessment. Making it easy to perform scan and identify potential risks and vulnerabilities before they become a problem. However, there are some tools that work for one context and not work for the other. Hence there is a need to understand in detailed how each tool work before making any informed decision.

**What issues might you encounter**

As a new user, installation, and configuration to suit your need might be a challenging and sticking to default configuration might limit the potentials as most pre-installed applications are for Linus users. Also, there are issues around some command line tools not visible from the menu.

**How would you overcome them?**

As a beginner, running kali Linus virtually instead of installing might not be a bad idea. A lot of knowledge and familiarization with interface and command Line through several practices will be accrued through this process then you can install and configure to suit your preferences.

**How do their results compare with your initial evaluation?**

Based on the information provided and their result I would say my initial evaluation is in range with theirs’.

**What do you think of their criteria?**

It is difficult to make a decisive conclusion on bases that those tools have different functionalities

**What are the pros and cons of using Kali Linux vs. Nessus?**

Nessus vulnerability scanner has been known as one of best tools and is widely deployed across industry due to its ability to perform high speed asset discovery, target profiling and many more. With plug-in tools like tenable you can perform automated web application scanning. However, there has been concerns over inaccuracy of vulnerability scanner.

Kali Linus is an open-source tool with many built-in tools and arrays of functionalities, but these tools are very advanced and not suitable for beginners and is safe to say kali is developed for Linus users.

**Has this changed your original evaluation score?**

Generally, the acceptance of one tool over another is totally relative. This depends entirely on how it fits in and serve the purpose for which the scanning is done. In this sense I would say my evaluation hasn’t change.

References:

Bhatt, D. (2018) Modern Day Penetration Testing Distribution Open Source Platform - Kali Linux - Study Paper. *International Journal of Scientific & Technology Research* 7(4): 233-237.

Bhingardeve, N. & Franklin, S. (2018) A Comparison Study of Open Source Penetration Testing Tools. *International Journal of Trend in Scientific Research and Development* 2(4): 2595-2597.

Leroux, S. (2020) The Kali Linux Review You Must Read Before You Start Using It. Available from: <https://itsfoss.com/kali-linux-review/> [Accessed 29 January 2020].