Metasploit Lit Review

What is Metasploit?

How it counters security in the wrong hands

How it improves the cyber security of an organisation

Scenario 2 Overview

Windows 7 had all support for the operating system halted in January of 2020. Windows 7 was certainly a user favourite and the end of support saw quite a few users disgruntledly switch to either Windows 8 or 10 to continue to get security focused support and patches. At this point, the support for windows 7 has been defunct for almost 2 years and as such many new exploits have likely surfaced. Nonetheless, even before Windows 7 met its end-of-life there were still many exploits that could be performed on the system that were sequentially fixed in the new versions of Windows. One such vulnerability present in Windows 7 is that the default version of Windows Media Centre will execute any code saved as a “.mcl” file.

Scenario 2 Counter measures

User Vigilance:

* Always check file extensions
* Have an anti-malware program running and scanning all new files
* Understand the exploits you are vulnerable to

Patch management

* Self-applied
* Software to automate process

Josh Reflection

Working on this project has taught me several different things both within and outside of computer security. The most notable to me personally would be the fact that GitHub allows each user to create and then host a single static website. This is what was used to host the blog section of this project but will also be used by me in a personal capacity for a personal website in future. Apart from this, seeing the sheer amount of exploits that Metasploit has available to use is a bit disconcerting as it covers a wide array of different machines, programs and means of execution and has definitely made me that much more critical of everything I do online. This project also allowed me the chance to learn how to use HTML and CSS when writing the blog, which also forced me to switch up my usual writing style for one that is more colloquial for the general public instead of assuming the people reading the writing are already knowledgeable on the topics.