### **Incident Report: KG-19102-Install-Kali-Linux-VM**

#### **Date: 09-09-2024**

### **Executive summary**

* In this task, I was responsible for creating a virtual machine (VM) and installing Kali Linux as the guest OS. I used VMware Workstation Player as my virtualization tool and Kali Linux as the operating system. The objective was to successfully set up a functioning guest OS and install all required software for future cybersecurity tasks.

### **Methodology**

* Downloaded and installed VMware Workstation Player from VMware's official website.
* Downloaded the Kali Linux ISO from Kali's official website.
* Created a new virtual machine in VMware and installed Kali Linux as the guest OS.
* Ensured that all necessary software was installed on Kali Linux based on project requirements and guidance from relevant documentation.
* I selected VMware due to its robust performance and compatibility with various operating systems, which made it an ideal choice for this project.

### **Findings/solutions**

* The VM setup and Kali Linux installation were successful. I explored the available tools in Kali Linux and found it particularly interesting how well-optimized the OS is for penetration testing and cybersecurity tasks.

**Project Description**

A virtual environment is an important tool in a cybersecurity professional's toolbelt.

For this story, you are tasked with creating a virtual machine on your computer and installing a guest OS.

Download and install VirtualBox or VMWare onto your machine.

<https://www.virtualbox.org/wiki/Downloads>

<https://customerconnect.vmware.com/en/downloads/details?downloadGroup=WKST-PLAYER-1751&productId=1377&rPId=117008s>

Download and install Kali Linux onto your virtual machine software.

<https://www.kali.org/get-kali/#kali-bare-metal>

This story is considered complete when you can do the following:

* Successfully run a guest OS in a VM.
* All required software needed for the project has been installed on your guest OS. If you are unsure what you will need, refer to this [wiki page](https://dev.azure.com/prosperitprojects/ProsperSec/_wiki/wikis/TTAs-Smoothie-Spaceship.wiki/330/Setting-up-the-Project).

Once completed, send a screenshot of your VM to your instructor and a report on what you learned.

Write an incident report on what you learned and anything you found interesting. This incident report can be kept fairly brief, but be sure to include a screenshot of your Kali Linux VM running.