**Incident Report: KG-19103-Intro:-Burp-Suite  
Date:** 09-10-2024

### **Executive Summary**

In this task, I was introduced to Burp Suite, a popular penetration testing tool used for evaluating the security of web applications. The goal was to familiarize myself with Burp Suite’s functionality by watching a series of instructional videos, with a focus on using it for intercepting and modifying network traffic in offensive cybersecurity tasks.

### **Methodology**

I followed along with the instructional videos, which provided a detailed overview of how Burp Suite is used in real-world scenarios. Key topics included:

1. Setting up Burp Suite to intercept network traffic.
2. Modifying requests sent to web servers for vulnerability testing.
3. Understanding how Burp Suite can be used to identify security issues in web applications.

I noted that some features were from the paid version, but I focused on learning and practicing with the free tools provided in Burp Suite.

### **Findings/Solutions**

From this exercise, I learned how Burp Suite operates as a proxy-based tool, making it essential for web-based application testing. I can apply this knowledge by using Burp Suite to intercept traffic and analyze vulnerabilities in offensive security tasks. This tool will be critical for upcoming stories that require manual testing and in-depth analysis of web traffic.

**Project Description**

The purpose of this story is to get you familiarized with the software, Burp Suite.

Burp Suite is one of the most popular penetration testing and vulnerability finder tools, and is often used for checking web application security. “Burp,” as it is commonly known, is a proxy-based tool used to evaluate the security of web-based applications and do hands-on testing. Burp Suite will be used in the live project for intercepting network traffic and modifying the data that is being sent to the web server.

You will be using Burp Suite for almost all of the offensive stories that will be assigned to you. Here is a series of short videos that go in-depth on how to use Burp Suite in a real world setting that will be replicated in some of your stories.

**Video**:

<https://www.youtube.com/watch?v=ouDe5sJ_uC8&list=PLoX0sUafNGbH9bmbIANk3D50FNUmuJIF3>

**Note:**

Some of the actions performed by this instructor in the video are with the paid version of the software. You do not need to purchase anything, just take notes on the actions performed and follow along where you can.

Once you have completed the videos, go ahead and write a brief incident report on what you learned and how you can use that information as a Cyber Security professional.