

ISA PROJECT

The Multi-Tool Web Vulnerability Scanner

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Abstract

Penetration test is a simulated cyber attack against your computer system to check for exploitable vulnerabilities. A lot of tools such as nmap, dnsrecon, wafw00f, uniscan, sslyze, fierce, lbd, theharvester, amass, nikto etc are used for pentest.

However, due to the evergrowing data, it is difficult to run all the testing one by one as it consumes a lot of time and finding the correlation between results in each test is quite hard.

So, We developed a tool which eliminates this hardship

Objective

Unless you are a pro at automating stuff, it is a herculean task to perform binge-scan for each and every engagement.

So, The ultimate goal of this project is to solve this problem through automation; (i.e). running multiple scanning tools to discover vulnerabilities, collectively correlate results and saves precious time; all these under one roof.





Problem Statement

To develop a tool which automates vulnerability scanning tools which not only saves time but also is light-weight and not process intensive. The tool should also deploy tools automatically depending upon the issues found.

Modules

nmap

dnsrecon

wafw00f

uniscan

sslyze



nikto

lbd

theharvester

amass

fierce

Thank You

