IMMERSIVELABS

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Completed 61 labs earning 12260 points.

Activity Report

Date	Lab	Description	Points Earned
2022-10-21	What Is Information Security?	Identify the workplace and personal security challenges that good information security practices help to solve	10
2022-10-21	Passwords	Recognize how to protect yourself and your devices with strong passwords	10
2022-10-21	Information Security and Cybersecurity Terminology	Recall some key information security and cybersecurity terms and phrases	10
2022-10-21	Social Engineering	Describe different social engineering attack techniques and their impacts	10
2022-10-21	Defense in Depth	Discover the principles of defense systems	20
2022-09-07	Java: Dynamic JSP Inclusion	Know what a dynamic JSP inclusion vulnerability is and how it works	100
2022-09-05	Black Hat 2019 Challenge – VariaCorp Widgets	Perform basic Windows exploitation	400
2022-09-04	Infrastructure Pen Testing Ep: 5. — Privilege Escalation: SUID Bits	Be able to escalate privileges using misconfigured binaries	100
2022-09-04	Vulnerable Web App: Ep.2	Exploit a vulnerable web application	300
2022-09-04	Vulnerable Web App: Ep.1	Exploit a vulnerable web application	600

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Date	Lab	Description	Points Earned
2022-09-04	Credential Stuffing	Identify differences between multiple brute-forcing techniques	300
2022-09-04	Privilege Escalation: Linux – Service Permissions	Describe what a service is	300
2022-09-04	Privilege Escalation: Windows – DLL Hijacking	Describe what DLL hijacking is	600
2022-09-03	BloodHound – Active Directory Enumeration	Ability to analyse and search BloodHound's output to discover paths to sensitive accounts	200
2022-09-03	PowerShell: PS Remoting	Practice executing remote commands on Windows systems	100
2022-09-03	PowerShell: PowerUp	Practice using the Windows privilege escalation tool	300
2022-09-03	Password Spraying	Execute a password spraying attack against a web application	200
2022-09-03	Privilege Escalation: Windows – Weak Service Permissions	Describe how to enumerate a Windows system for misconfigured services	200
2022-09-03	Privilege Escalation: Windows – Unquoted Service Paths	Describe how to enumerate a Windows system for unquoted service paths	200
2022-09-03	NTDS	Practice using various tools to parse NTDS.dit files	300
2022-09-03	Brute-force Authentication	Practice brute forcing passwords for multiple services	200
2022-09-02	Kerberoasting	Identify and exploit service accounts	200
2022-09-02	Cross-Site Scripting: Ep.5 – Filter Evasion	Identify stored cross-site scripting vulnerabilities in a web application	400
2022-09-02	Cross-Site Scripting: Ep.3 – Stored XSS	Identify stored cross-site scripting vulnerabilities in a web application	300
2022-09-02	Responder.py Network Poisoning	Be able to use network poisoning attacks successfully	200

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2022-09-02	File Inclusion Vulnerabilities	Perform exploitation of a file include vulnerability	300
2022-09-02	Hydra: Brute Force	Perform password brute forcing of multiple protocols using hydra	200
2022-09-02	Pass The Hash	Perform a Pass-the-Hash attack on a vulnerable server	200
2022-09-02	Introduction to Mimikatz	Use Mimikatz to extract passwords in Windows	200
2022-09-02	John the Ripper	Exposure to John the Ripper tool chain	100
2022-09-02	SQL Injection – UNION	Employ advanced SQL injection techniques	300
2022-09-02	Password Hashes II	Understand the benefits of salting passwords	100
2022-09-02	Passwords: Hashes	Practical experience in attacking password encryption methods	100
2022-09-01	FTP - Anonymous Login	Identify and exploit FTP servers that have anonymous login enabled	100
2022-09-01	Hafnium - China Chopper	Demonstrate ability to use an exploit chain to gain persistence on a web server	200
2022-09-01	SimpleHTTPServer	Basic understanding of SimpleHTTPServer	100
2022-09-01	SSL Scanning	Identify weak cryptographic ciphers	200
2022-09-01	Cross-Site Scripting: Ep.2 – Reflected XSS	Identify reflected cross-site scripting vulnerabilities in a web application	200
2022-09-01	Netcat: Ep.2	Experience using Netcat to communicate to other hosts	200
2022-09-01	SearchSploit	Locate information on exploits using SearchSploit	200

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Date	Lab	Description	Points Earned
2022-09-01	Apache Basic Authentication	Practice exploiting misconfigurations in Apache basic auth	200
2022-09-01	Unrestricted File Upload	Practice exploiting file-upload vulnerabilities in web applications	200
2022-09-01	Command Execution	Practice leveraging web applications to execute arbitrary commands	200
2022-09-01	Web Server Brute Force Authentication: Ep.1	Gain an understanding of basic web application brute force techniques	300
2022-09-01	Web Applications: Directory Traversal	Conduct directory traversal attacks against a web server	200
2022-09-01	Web Applications: Page Source Review	Analyse the web application source code to recognise technologies being used	200
2022-09-01	Privilege Escalation: Linux – SUID and SGID Binaries	Describe what SUID and SGID binaries are	200
2022-09-01	Netcat: Ep.1	Use Netcat for various tasks	100
2022-08-31	SQLi Basics: Enumerating the Database	Demonstrate weaknesses in an application's database using SQL versioning and structure commands	300
2022-08-31	SQLi Basics: Hidden Data	Demonstrate weaknesses in an applications database using SQL commenting and tautology based queries	100
2022-08-31	SQLi Basics: UNION Query	Demonstrate weaknesses in an application's database sanitation using SQL UNION statements	200
2022-08-31	SQLi Basics: Basic SQL Injection	Construct SQL injection payloads	100
2022-08-31	Discovery Scripts Analysis	Practise identifying information of use to an attacker	200
2022-08-31	SQL Injection – sqlmap	Practice applying sqlmap to a database	200
2022-08-31	Zone Transfer	Analyze DNS information revealed by a zone transfer	200

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Date	Lab	Description	Points Earned
2022-08-31	SQL Injection – File Download	Employ advanced SQL injection techniques	300
2022-08-31	Bypassing HTTP Client-Side Controls	Recognise some common insecure user access controls that can be found in web applications	200
2022-08-31	DNS Enumeration	Knowledge of DNS enumeration techniques	200
2022-08-31	Banner Grabbing	Identify and enumerate common services	100
2022-08-30	SQLite3: An Introduction	Practise querying an SQLite database file from the command line	200
2022-08-30	SQL: An Introduction	Gain an understanding of the SQL language and queries	100