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SQL INJECTION LAB

Aim:

To do perform SQL Injection Lab in TryHackMe platform to exploit various vulnerabilities.

Algorithm:

1. Access the SQL Injection Lab in TryHackMe platform using the link-
<https://tryhackme.com/r/room/sqlilab>
2. Click Start Attack Box to run the instance of Kali Linux distribution.
3. Perform SQL injection attacks on the following-
 - a) Input Box Non-String
 - b) Input Box String
 - c) URL Injection
 - d) POST Injection
 - e) UPDATE Statement
4. Perform broken authentication of login forms with blind SQL injection to extract admin password
5. Perform UNION-based SQL injection and exploit the vulnerable book search function to retrieve the flag

Output:

SQL INJECTION LAB

TryHackMe

Dashboard Learn Compete Other

Access Machines

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To exit full screen, press and hold **Esc**

Learn > SQL Injection Lab

SQL Injection Lab

Understand how SQL injection attacks work and how to exploit this vulnerability.

Easy 0 min

Share your achievement

Start AttackBox

Help

Save Room

1348

Options

Room completed (100%)

- Task 1 Introduction
- Task 2 Introduction to SQL Injection: Part 1
- Task 3 Introduction to SQL Injection: Part 2
- Task 4 Vulnerable Startup: Broken Authentication
- Task 5 Vulnerable Startup: Broken Authentication 2
- Task 6 Vulnerable Startup: Broken Authentication 3 (Blind Injection)
- Task 7 Vulnerable Startup: Vulnerable Notes

Result:

Thus, the various exploits were performed using SQL Injection Attack in TryHackMe platform.