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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


DashboardLearnCompeteOther

Access Machines

Go Premium

1

Learn > SQL Injection



SQL Injection

Learn how to detect and exploit SQL Injection vulnerabilities

Medium 30 min

Share your achievement

Start AttackBox

Help

Save Room

4589

Options

Room completed ( 100% )

Task 1

Brief

Task 2

What is a Database?

Task 3

What is SQL?

Task 4

What is SQL Injection?

Task 5

In-Band SQLi

100

Task 6

Blind SQLi - Authentication Bypass

Task 7

Blind SQLi - Boolean Based

Task 8

Blind SQLi - Time Based

Task 9

Out-of-Band SQLi

Task 10

Remediation

Created by

tryhackme

l00g1c

Room Type

Free Room. Anyone can deploy virtual machines in the room (without being subscribed)!

Users in Room

164,624

Created

1142 days ago

Result:

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