



DVWA

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Attack

- **SQL injection**
- **Cross Site Scripting (xss)**
- **Brute Force with Burp Suite**

SQL Injection (Low)

- **SQL injection:**
 - **Test statement: `' OR '1'='1` (test if the injection work)**
 - **Find how many column we can return:**
 - **Find database name:**
 - **Find database and the system user:**
 - **Find table name:**
 - **Find column name:**
 - **Find value:**



SQL Injection (Medium)

- **SQL Injection**
 - **The same but different place**
 - **use inspect element**
 - **use Burp Suite**

SQL Injection suggestion

- Solution
 - **Prepared Statements:** Same as Low Level, prepared statements are essential.
 - **Stronger Input Validation:** Implement more robust input validation, considering potential SQL keywords and special characters.



XSS (DOM), LOW

- Technique:
 - Using javascript
 - testing with alert
 - print all cookie information
- Hint: view source



2024

XSS (DOM), medium & high

- Technique:
 - Using javascript
 - Using javascript trick
 - testing with alert
 - print all cookie information
- Hint: view source

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XSS (Reflected), low

- Technique:
 - inspect the source code
 - Using javascript
 - Using javascript trick
 - testing with alert
 - print all cookie information
- Hint: view source



XSS (Reflected), medium

- Technique:
 - Using javascript
 - Using javascript trick
 - testing with alert
 - print all cookie information
- Hint: view source

XSS (Reflected), high

- Technique:
 - Using **html** tag
 - use **body** tag
 - **testing with alert**
 - **print all cookie information**
- Hint: view source

XSS (Store), Low

- Technique:
 - **try the same like the other XSS**
 - **testing with alert**
 - **print all cookie information**



XSS (Reflected), medium

- Technique:
 - **try the same like the other XSS**
 - **testing with alert**
 - **print all cookie information**

XSS (Reflected), High

- Technique:
 - **inspect the source code**
 - **try the same like the other XSS**
 - **testing with alert**
 - **print all cookie information**

Brute Force with Burp Suite

- Technique:
 - **open Burp Suite**
 - **open browser using Burp Suite**
 - **open DVWA url and then Brute Force tab**
 - **add DVWA website to scope**
 - **Go to proxy->HTTP History in Burp Suite and then filter to see only item in scope**
 - **Turn intercept on and try login with the incorrect password**
 - **Go to proxy->HTTP History and click on the last get request**
 - **Send the request to intruder**
 - **Open introder -> positions and clear all variable**
 - **Choose sniper attack and then add password to variable**

Brute Force with Burp Suite

- Technique:
 - Go to payloads
 - use sample file
 - load 1 password list from kali linux
 - start the attack
 - observe the attack
 - try to grab the string
 - incorrect password
 - correct password