

ASSESSMENT

TOPIC: SQL INJECTION

1. Select the wrong statement from the following statements

- A. SQL Injection vulnerabilities occur whenever input is used in the construction of an SQL query without being adequately constrained or sanitized.
- B. SQL injection allows an attacker to access the SQL servers and execute SQL code under the privileges of the user used to connect to the database.
- C. SQL Injection is a type of Man-in-the-Middle attack. *
- D. To make an SQL Injection attack, an attacker must first find vulnerable user inputs within the web page or web application.

2. Which of the following script is example of SQL Injection attack?

A.*

```
var Shipcity;  
ShipCity = Request.form ("ShipCity");  
var SQL = "select * from OrdersTable where ShipCity = '" + ShipCity + "'";
```

B.

```
var Shipcity;  
ShipCity = Request.form ("ShipCity");
```

C.

```
var Shipcity;  
var SQL = "select * from OrdersTable where ShipCity = '" + ShipCity + "'";
```

D. All the above.

3. Which of the following SQL commands is used to retrieve all the columns from a table named "students"?

- A. SELECT [all] FROM students
- B. SELECT all students
- C. SELECT * .students
- D. SELECT * FROM students*



4. Which of the following is the most important countermeasure(s) against SQL Injection attacks

- A. Using Dynamic SQL
- B. Use of Hardcoded usernames and passwords
- C. Limiting database permissions and privileges
- D. Validating user input
- E. Both C and D *

5. Can you use both SELECT and WHERE clause in one SQL statement?

- A. Yes*
- B. No

6. What does SQL stand for?

- A. Standardized Query Language
- B. Structured Query Language *
- C. Structured Question Language
- D. Standardized Question Language

WHAT TO SUBMIT

Submit the document by answering all the questions.

