1

Questions

1. What is the potential impact of deploying a SQL command such as '555wLnxnr7r') OR 188=(SELECT 188 FROM PG_SLEEP(15))--' in a database application?

A. Increases database efficiency
B. Enhances application security
C. May expose sensitive information
D. Improves user authentication

2. Which SQL injection technique is often identified by using a deliberate time delay in a query to observe the impact?

A. Boolean-based blind
B. Error-based
C. Union-based
D. Time-based blind

3. Which of the following describes a defense mechanism against SQL injections?

A. Using input validation and sanitation
B. Increasing query execution speed
C. Conducting frequent full-system backups
D. Disabling database logging

4. In terms of SQL vulnerabilities and attacks, what kind of threat is attempted with '555wLnxnr7r') OR 188=(SELECT 188 FROM PG_SLEEP(15))--'?

A. User authentication bypass
B. Content management manipulation
C. Denial of service
D. Data exfiltration

5. In SQL injection attacks, what purpose does the sequence '--' serve?

A. It comments out any unintended trailing SQL code
B. It acts as a logical AND operator
C. It transfers the query execution to another database
D. It increases the execution priority of the query