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Questions

1. Which SQL injection technique does the code snippet '555*if(now()=sysdate(),sleep(15),0)' demonstrate?

A. Union-based SQL Injection
B. Boolean-based SQL Injection
C. Blind SQL Injection
D. Error-based SQL Injection

2. What impact could a successfully executed SQL statement including 'sleep(15)' have on database performance?

A. It will lead to data corruption
B. It will increase server memory usage exponentially
C. It can slow down response times, affecting user experience
D. It will enforce additional security measures

3. Which practice can mitigate the risk of SQL code like '555*if(now()=sysdate(),sleep(15),0)' being exploited?

A. Limiting the number of queries per connection
B. Enhancing database hardware
C. Implementing input validation and sanitization
D. Reducing query complexity

4. In the context of SQL injection, how are conditional expressions like 'IF' statements typically used?

A. To modify data entries directly
B. To display results only when the condition is false
C. To change the database response based on conditions
D. To execute actions based on condition evaluation