Past-paper walk-through

Application and Data Vulnerabilities and Attacks ▪ 5.1

eXercise

Questions in this set

- 2026 Q20 ▪ 1 mark

Question 20

2026 ▪ Q20 ▪ 1 mark

Referring to the same news article, which of the following best explains how the adversary attempted to manipulate the bank's customer database through the online loan application form? **[1]**

A When user input is fed into a server's file system, HTTP requests can access sensitive data.

B When user input contains executable scripts, those scripts can run in the user's browser and access sensitive data.

C When user input exceeds the size of the designated memory, it can allow the adversary to access, modify, and delete files.

Question 20

D When user input from a web form is fed directly into a database query, an adversary can inject control characters that can allow an adversary to view or modify the contents of a database.

Solution 20

A When user input is fed into a server's file system, HTTP requests can access sensitive data.

B When user input contains executable scripts, those scripts can run in the user's browser and access sensitive data.

C When user input exceeds the size of the designated memory, it can allow the adversary to access, modify, and delete files.

D When user input from a web form is fed directly into a database query, an adversary can inject control characters that can allow an adversary to view or modify the contents of a database. ✓

Answer: **D**