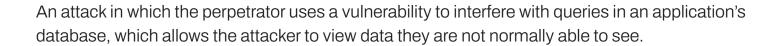


The Arkansas Cyber Defense Center

SQL Injection Attack



Why be aware of this attack?

If your business uses online applications, there is a chance you are open to this attack. The result of a successful SQL injection attack can result in unauthorized access to sensitive data (passwords, personal health information, personal identifiable information, financial information, etc.).

Tactics of an SQL injection attack:

- Subverting application logic to gain access to information
- Examining a database to gain more information about its structure
- UNION attacks to retrieve data from different database tables

Prevention tips:

This type of attack is more complicated than others, and the prevention is complicated as well. It is best to leave prevention strategy to a cyber security professional. For example, one strategy for preventing an SQL injection attack is by using parameterized queries instead of string concatenation within a query. The average application user does not know what this means, and therefore, professional advice should be sought.





