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Ans Security Vulnerabilities for hacking a website are →

Cross site scripting It targets an application's users by injecting code, usually a client side script such as Javascript, into a web application output. The concept of XSS is to manipulate client side scripts of a web application to execute in a manner chosen by attacker.

Security Misconfiguration It encompasses several types of vulnerabilities all centered on a lack of maintenance or a lack of attention to the web application configuration. A secure configuration must be defined and deployed for the application, frameworks. Security misconfiguration gives hacker privileged access to the system.

SQL injection. is a type of web application security vulnerability in which an attacker attempts to use application code to access or corrupt database content. If successful this allows the attacker to create update or alter data stored in the back end.

Cross site request forgery is a malicious attack where user is tricked into performing an action he/she didn't intend to do. A third party application Akash.S

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will send a request to a web application that a user is already authenticated and can gain access to victims already authenticated browser. target includes social media, online banking etc.

Broken Authentication And session management It encompasses several security issues, all of them having to do with maintaining the identity of user. If authentication credentials and session identifiers are not protected at all times an attacker can hijack an active session and can act as the real user.

Insecure Direct object References is when a application exposes a reference to an internal implementation object. its includes files, database records, directories and database keys. when an application exposes a reference to one of these object in URL, hackeris can manipulate the data within the server.

Javascript injection is a process by which we can inject and use our own javascript in a page. either by entering the code in the page or by finding a vulnerability.

Sniffing is the act of disguising communication from an attacker source as being from a known trusted source.

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