Udajuicer Wedsite Downtime - Risk Analysis

January 4, 2024

Risk Analysis

To administer mitigations for the issues we have identified in the web application, we have ranked the risk to Udajuicer in order of what should be dealt with first. This ranking shows where Udajuicer's resources should be allocated first as opposed to trying to tackle everything at once.

1   Scoring Risk

Threats	Score
HTTP Flood Attack / DDoS Attack	1
Insecure Architecture	3
SQL Injection Vulnerability	2
XSS Vulnerability	4

2   Risk Rationale:

One may ask the rationale behind the ranking above.

- The identified attack in the web application was HTTP Flood attack, a type of DDoS Attack. Given that it is the current threat facing the web application makes it the most dangerous.

- Following The Open Web Application Security Project (OWASP) list of top 10 most common application vulnerabilities, Injections (such as SQL Injection) are the most common application vulnerabilities, so it ranks 2 in our risk scoring. The next is Security Misconfiguration (3) and finally Cross Site-Scripting (4).