

12. CUSTOM XSD VALIDATED WEB APPLICATION TRACER AGAINST UNSOLICITED USER REQUEST

N.R.Sindhuja PG student, C. Balakrishnan Associate Professor

Department of CSE, S.A Engineering College, Chennai, TamilNadu sindhujanr25@gmail.com

balakrishnan@saec.ac.in

In recent trends, website security is dealt from the branch of information security. Denial of service (DoS) is a vulnerable attack and comprises of a single system that is infected with a type of virus application known as a Trojan. The most common type of Denial of service attack is done by flooding the target resource with external communication requests. The request overload prevents the resource from responding to legitimate traffic, or slows down its response, so significantly that it is rendered effectively unavailable. This situation is said to be degraded situation, where the overloaded vulnerable request to the server (i.e., live website hosting) transfers the control to the legitimate user. The proposed system focuses on the unwanted request access clients by blocking them from further data accessing. Apart from this, an automated feedback controller (a backed up website) will be redirected which provides a prioritized scheduling concept in reducing the DOS rate. This model serves as a supporting tool for the web application performance of tracing the vulnerability are measured and visualized graphically.

Keywords—Information security, dos attack, feedback controller.

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