

Uchecker : Automatically Recognition of Unrestricted File upload Vulnerability in PHP

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Abstract

Unrestricted file upload vulnerabilities enable malicious scripts to be uploaded and executed on web servers by attackers. In PHP server-side web applications, we have developed a framework, namely UChecker, to effectively and automatically detect such vulnerabilities. A Whitelist filter is featured in UChecker. That input against all possible lists of correct inputs was fantasized in this form of research. It is important to change the scrambler to use the file names and extensions of the imported files to avoid future execution. If it is important to protect the primary file names, they must be stored in a database file. Real-world examples backed by studies have demonstrated that Uchecker has reached a high degree of detection precision.