

ESPY & ALLAY OF SECURITY VULNERABILITIES IN WEB-APPLICATIONS BASED ON JAVA PLATFORM

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ABSTRACT

Several inbuilt security features are directly offered by the Java programming language along with various characteristics supplied by several securities relevant APIs and implementations. Hence, directly choosing Java will not ensure complete security against severe secrecy attacks, integrity or availability attacks. Numerous security issues needs to be focused and implemented during the entire software development process, entirely free from the selected programming language. The paper reviews discuss all the facets of “Java Security” and then consider the numerous “vulnerabilities” & “secure programming techniques” which should be acknowledged when Java programming comes in action. Numerous vulnerabilities classifications and the corresponding intrusions are covered along with some allay (mitigation) techniques. The paper discusses the input data causing attack and how to prevent it.

KEYWORDS: Java Security, Software Vulnerabilities, Source Code Analysis, Resource Injection, Path Manipulation Security