

Web application security testing based on the OWASP standard

Nguyen Tuan Anh

Abstract: This topic focuses on security testing of Web applications to ensure compliance with OWASP security rules. The goal is to develop an effective and comprehensive assessment method to help developers and network administrators enhance information security. The research methodology involves applying the OWASP standard set in practice, combining theory with experimentation to build a robust security testing process. The expected result is to provide the technology community with a useful solution to mitigate cyberattack risks and strengthen system defenses.

Keywords: Web Security, OWASP, Security Testing, Application Review, Information Security