

## A Proposal for Systematic Mapping Study of Software Security Testing, Verification and Validation

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**Abstract :** Software vulnerabilities are increasing and not only impact services and processes availability as well as information confidentiality, integrity and privacy, but also cause changes that interfere in the development process. Security test could be a solution to reduce vulnerabilities. However, the variety of test techniques with the lack of real case studies of applying tests focusing on software development life cycle compromise its effective use. This paper offers an overview of how a Systematic Mapping Study (MS) about security verification, validation and test (VVT) was performed, besides presenting general results about this study.

**Keywords :** software test, software security verification validation and test, security test institutionalization, systematic mapping study

**Conference Title :** ICTSS 2016 : International Conference on Testing Software and Systems

**Conference Location :** New York, United States

**Conference Dates :** June 06-07, 2016