Abstract

The importance and real potential of security in Requirements Engineering (RE) is now being well recognized. The inclusion of security controls and measures during the requirements phase helps to design, implement, develop and maintain secure and cost effective software. Security testing is one of the prominent techniques to reveal defects in the requirements specification. The requirement phase is the foremost phase to integrate security into software development process. In this paper, we review current scenario of security testing in requirements phase and try to identify the major research directions, based on the related published work. Researcher/s can select any of the area and start the investigation in the area. In this way, this work may be useful for entry level researchers in the concerned area/s.

References

- The report, The Impact of Business Requirements on the Success of Technology
Security Testing in Requirements Phase of SDLC


- Srivatanakul Thitima, Clark John A. , Polack Fiona 2004 Effective Security Requirements Analysis: HAZOP and Use Cases, 7th International Conference, volume 3225 of
Security Testing in Requirements Phase of SDLC

LNCS(Springer).

Index Terms

Computer Science  Software Engineering

Keywords

Security Testing  Security Requirements  Requirements Engineering  Secure Requirements Engineering