Abstract

Security is a serious problem in software development which when not taken into consideration, exploits vulnerabilities in software. Such security related problems need to be addressed as early as possible while building software. Security problems exist for many reasons. A major thing is that, software cannot resist security attacks. Software security vulnerabilities are often caused due to the flaws that might be in specification, design, implementation or testing. These flaws are unknowingly injected by the software developers during development or left unnoticed by the software testers while testing for defects in software. This requires that developers and testers use methods that consistently produce secure software, which results in a defect less
product. Security must be integrated into the software development life cycle from the beginning and must persist until the product is in use. This paper brings out the security deliberation that have to be paid due attention in the various phases of software development life cycle while developing a software.

References

- http://www.fortify.com/security-resources/taxonomy.jsp
Security Deliberations in Software Development Lifecycle


Index Terms

Computer Science

Software Engineering
Keywords