

Vulnerabilities and Risk Analysis in Document Management Systems

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Abstract

Developing a collaborative environment at organizational level due to the current requirements on the use of information and data from various sources (internal or external) requires the unification of resources and tools for improving the quality and efficiency of the activity especially reducing the time spent on making the decision, and improvement of the decision making. In this context, a common requirement for the development of IT systems is security but security mechanisms are too often implemented without considering which the security elements necessary to system are. A formal specification of what is allowed and not allowed into a secure system is a security policy; their definition represents the adopting of a set of rules that define secure system and system exposed states (uncertain). Whereby the detailed study of the vulnerabilities and implementation of a risk analysis are developed solid and necessary tools for security of document management systems.

Keywords: security, vulnerability, management, risk, document management systems, standards, Web applications

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