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Virtual Organisation security policy: specification & deployment (V1)

Executive Summary

Virtual Organisations offer to the different partners a way to access resources available on different sites separated geographically. This form of organisation will allow the enterprises to reach new business opportunities and make profit due to collaboration with other enterprises. Whatever is the topology used for the virtual organisation network or if it is dynamic or not, a shared secure IT infrastructure should be deployed. Identity and privilege management solutions and risk management solutions are used to ensure the security of the information exchanged or shared over a non-secure infrastructure such as the Web. Solutions for authentication and access control are presented. Finally, we expose our approach for the implementation of an Information Security Management System using risk management methods and standards which will lead us to define a tool to evaluate the maturity of the SMEs security practices.