Abstract

The entire vision of the Semantic web has nonetheless to be totally accomplished, however there has been considerable progress inside the development and use of standards, languages, technologies and applications. Hence, the Semantic web must be conscious of different types of risks, privacy issues and security issues to stay efficient and secure. Biometric systems provide
the answer to confirm that only a legitimate user and nobody else access the rendered services. The safety depends on the secrecy, privacy and trustworthiness of the authenticators because deeper the trust level of authenticator, stronger are going to be security and privacy of Semantic web. Cancellable biometrics and secure sketches have been introduced with the same purpose to guard the privacy of biometric templates to enhance the security and privacy of Semantic Web Services.

Reference

- Oscar Corcho, Silvestre Losada, Richard Benjamins, José Luis Bas and Sergio Bellido, “Personal eBanking Solutions based on Semantic Web Services”, E-Service Intelligence, Studies in Computational Intelligence, 2007, Volume 37, pp. 287-305, DOI: 10.1007/978-3-540-37017-8_13
- Vivian Chu and Gayathri Rajendran, “Use of Biometrics”, TechCast Article Series, the George Washington University, TechCast LLC, 2009

Index Terms

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Key words

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BioHash

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