Assuring Security and Privacy for Extensible Access Control in Open Web Services by using Fingerprint Identification

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Authors:
S. Nirmala Sugirtha Rajini
T. Bhuvaneswari

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Abstract

In recent years, web services have become a new application over the open, complex internet. In that, web services security issues have become more and more important. But, there is no effective access control method to assure the web service security. This paper proposes a simple and effective formalization of concepts that have to be supported for enforcing the new access control model needed in open scenarios, towards the aim of providing a solution actually deployable with today's technology. Finally, our framework addresses privacy and trust issues, and authorization policies protected resources whose access is subject to credential proof and trust level validation to enable access control interactions between web service clients and servers by using image processing techniques.

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Index Terms

Computer Science | Security

Keywords

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