Abstract

The exorbitant growth in the field of web services technology has challenged the web developers, vendors and researchers to design and development a variety of enterprise web applications for diverse organizations. Since, security is considered to be an essential part in the development of web applications, web services security has also become an emerging trend in Web services technology. Even though there has been considerable amount of research work carried out in these areas, there is no solid scheme offered so far to build a secure academic-oriented web application. Hence, a novel architectural framework is intended solely for the academic institutions with the aim of providing efficient and secure composite web services for the web users. The concept of multi-level security is also included in the proposed framework to handle various security concerns at different levels.

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Index Terms

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