Abstract

As more and more services come under the purview of internet, online businesses have also made a flourishing start, so much so that a bulk of the business transactions have become web-based. Web services have found their way into sectors like banking, finance, construction, airlines, marketing, and telecommunication and so on. We propose to design an add-on security model which provides interoperable security for the business services. It will be flexible enough to adapt itself to the security requirements of a specific business. This add-on security service models will increase the security levels of the business services. The model designed is evaluated after integrating the add-on security services with the business services. The fundamental approach we follow, for creating our project is Model Driven Security Service Enforcement, SLA based Security Service Negotiation, Automatic Security Service Integration,
Performance Evaluation, and Impact Analysis. This is a definite way to achieve better performance, consistency and cost effectiveness in business services by making it invulnerable to hacker attacks.

References

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Index Terms

Computer Science  Security

Keywords

Web Services  Security Negotiation  SLA attacks  Hacker Attacks