**APPLICATION LAYER SECURITY SOLUTION FOR JAVA BASED WEB**

**APPLICATIONS**

**ABSTRACT**

**INTRODUCTION**

In the era of web, where every organization is extensively using the internet to do their business and provide services to their customers, they tend to forget one most essential thing-that is, “SECURITY”, until some negative impact happens due to breach of it. In addition, as we are opening doors to multiple channels such as conventional web, mobile, Voice Response Unit, phone rep, and so on, it is becoming increasingly important to secure our applications from various attacks. Most e-business applications have standard security features such as firewalls, SSL, etc. already in place. But these are not sufficient to protect applications from various vulnerabilities. Any web application, which is hosted for public access, needs to have an application layer security in place apart from the network layer security, or transport layer security, etc. The Web Application Security Framework described in this paper will protect web applications from various vulnerabilities such as Cross Site Scripting, Penetration, Injections, Custom Attacks such as CSRF, and so on. Also, as each application is different from the other, their security needs are also different. Hence it is important to have a framework that is highly configurable as per application needs.

TOPICS I WOULD LIKE TO DISCUSS ARE:

* CURRENT INDUSTRY CHALLENGES
* WEB APPLICATION SECURITY FRAMEWORKS IN MARKET PLACE
* WEB APPLICATION SECURITY:PROPOSED SOLUTION
* WEB APPLICATION SECURITY FRAMEWORK PROPOSED FEATURES
* CONCLUSION

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