Analyzing Security and Performance Issue in Web Data Mining Technology

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Abstract

Since as the internet and web application emerges security is the most challenging issue which we are facing, leads possibility of being easily damaged. Currently we based application structure is designed only by considering little security but avoid Performance issue. After the detailed study of web services architecture it is analyzed that it is not suitable in counter-tracing the WS attack, an adaptive intrusion detection and prevention (ID/IP) framework to protect The WS against attacks related to WSDL/JSON/SQL is thus introduced. Through Explanation by examples, the framework Verified that by making use of agents that act as Sensors, data mining techniques such as clustering, association and sequential rule coupled with fuzzy logic to further analyze and identify anomalies, is able to exhibit the adaptive nature of capturing anomalies and avoiding false alarm. Also the log files which contain User Name, IP Address, Visiting Path, Time Stamp, Page last visited, number of Bytes Transferred, Result Status, URL which can effectively supervise the network attack. In this paper we will discuss elaborately about several security problem and performance issue related to web application and their possible solutions.
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