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RESEARCH ARTICLE

INTRUSION DETECTION AND PREVENTION BY USING LIGHT WEIGHT VIRTUALIZATION IN WEB APPLICATIONS

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Abstract— Web services and applications is an important part of our daily life providing communication and management of information from anywhere. With the increase in web services, the applications of web moved to a multitier design. These services have web server at front end that runs the applications and data server at back end. Due to their abundant use in managing information, the web services have always been the target of attacks such as future session attack, sql injection attack, cross site scripting attack etc. To prevent such attacks in web services, IDS based on anomaly detection that depends on honey pot can be used to detect the unknown attacks by identifying the anomalous behavior that differs from the behavior of legitimate user.

Keywords— multitier, web services, honey pot, IDS

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