WEB-BASED APPLICATION SECURITY TESTING USING DAST (DYNAMIC APPLICATION SECURITY TESTING)

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ABSTRACT

The General and State Property Subdivision is one of the work units at the Jember State Polytechnic, has used SIUB (General Information System and BMN) to facilitate the management of State Property. The data in the information system stores state property management data from management, distribution, recording. Given the importance of stored data, it is necessary to apply security testing of the SIUB information system. The security testing is carried out to determine the level of vulnerability in order to avoid attacks by irresponsible parties. One method to test web-based information systems is to use DAST (Dynamic Application Security Testing) which is a method of black box testing. The ultimate goal of implementing DAST on the SIUB information system is to provide the results of the types of security vulnerabilities in the General and BMN information systems.

Keyword : Web Application, Blackbox, DAST, State Property