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Security Policies and Procedures for Internet Resources

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Extended Abstract

The aim of information resource management is to effectively provide information to the user community for research, education and learning and administrative purposes. There are certain key issues to be taken care of while providing any kind of service like cost effectiveness, network access issues, malicious virus threats and other security issues. The use of and the adherence to certain policies and procedures would make the service more efficient and effective in this context. . Security policies are of immense importance in the Internet environment and the implementation of proper policies can resist virus attacks, employee abuse and theft/destruction. An automated procedure which observes certain significant features like tidiness of HTML formatting, standard conformance, document structure, and metadata elements can help prevent these kinds of problems. Automatic mechanisms could also track some characteristics over time like HTTP response code, response time, page changes, and page relocation and thus could preserve the integrity and quality of the service.