Abstract

Access control, as the name indicates is a security measure that regulates access to resources/confidential data by verification of access rights (credentials) of users. This paper is a survey of the existing access control mechanisms that enables a novice reader to understand the existing concepts and models, analyze their usage and limitations in order to develop better mechanism by building up on the existing models that will better adapt to meet the
changes/advancements in technology. The study will further enable the development of a strong and attack resilient access models that are eventually the need of the hour.

References

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Index Terms

Computer Science

Information Sciences

Keywords

Access Control; Mandatory Access Control; Discretionary Access Control; Role-based Access Control; Rule-based Access Control; Content-based Access Control.