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A Review on Data Leakage Detection using Cloud Computing

Vijaya Balpande¹, Pranjal Kature², Mitesh Wadibhasme³, Gitika Kosulkar⁴, Shubhangi Bansod⁵

Professor, Department of Computer Science & Engineering¹
Researcher, Department of Computer Science & Engineering^{2,3,4,5}
Priyadarshini J. L College of Engineering, Nagpur, Maharashtra, India

Abstract: Data is a valuable asset and the intellectual property of many different enterprises. Every organisation keeps sensitive information such as customer information, financial information, patient information, credit card information for individual customers, and other information based on the management style, institute, or industry. Information leaking is a major issue that the company must deal with in situations like this since it may be very costly. More specifically, information leakage is defined as the deliberate disclosure of any type of information to unauthorised outside parties. when sensitive information is transferred to unauthorised parties or moves to an unapproved location. This will result in a certain industry suffering direct and indirect losses in terms of money and time. Vulnerability or its alteration are results of information leakage. Information can therefore be shielded from outside leaks. An efficient and effective mechanism to prevent and protect allowed information is required to resolve this problem. The suggested model also encrypts the data before it is downloaded via the TPA, and it sends the secret key to the original user after a successful download without being intercepted by the TPA.

Keywords: Cloud Computing, Data Leakage, Data Security, Data analysis, AES algorithm

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