Enterprise Data Breach: Causes, Challenges, Prevention, and Future Directions

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Abstract: *Cloud data is such a valuable and necessary resource, security is a major worry. Despite the widespread misperception that hackers are the source of security lapses, insiders are primarily responsible for data theft. In practically dispersed settings, critical data is routinely moved from the distributor to trustworthy parties. The stability and security of the services must be guaranteed in light of the increasing volume of user requests. When a client discloses important information, the client should be held accountable as soon as possible. Therefore, it's necessary to keep an eye on the data as it moves from the distributor to the agents. In the context of cloud computing, the project identifies data leakage detection, which examines data tampering and concludes that the information leak was caused by a particular employee in the organization*

Keywords: Data leakage Detection, Security, Authentication, Confidentiality

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