Abstract

As organizations increase their reliance on, as a result preserving privacy has become a crucial requirement for operating a business that manages personal data. Private Schools, district schools, and state education agencies maintain a large volume of personnel files. Due to voluminous stores of personal data being held by Education Industry today, preserving privacy has become a crucial requirement for operating a business. Hippocratic databases have been proposed to answer this requirement through a database design that includes responsibility for the privacy of data as a founding tenet. We identify, study, and implement privacy-preserving feature for education industry in Hippocratic databases. This paper includes the support of how current relational database management systems can be transformed into their privacy preserving equivalents.

Reference

Purpose-based access control exploits by HDB

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Index Terms

Computer Science
Database Systems

Key words

Hippocratic Database
Privacy Preserving
Multiple Policy Version
DDL