

ABSTRACT

This application provides a method for executing a security policy by an SQL engine. The method is applied to a database system. The database system includes a database and at least one SQL engine. The at least one SQL engine is configured to obtain, based on an SQL statement, data stored in the database. The method includes: The SQL engine obtains first configuration information, where the first configuration information indicates at least one software source corresponding to each of different types of security policy configurations for execution on the SQL engine, and the at least one software source corresponding to each of the different types of security policies is not completely the same. The SQL engine protects, based on the first configuration information, security and/or privacy of data stored in the database by executing the corresponding security policies provided by the different software sources indicated in the first configuration information. The method can make the data security system more flexible, thereby improving user experience.

Fig. 2