[Abstract]

The present inventive concepts relates to an operating method of a database security apparatus which performs an analysis on a command requested by a user on the basis of a situation of a system and a pattern of the user. The operating method includes receiving a command related to a database managed in a database system from a client, confirming whether a service state of the database system is in a development state or an actual service state, changing a security policy for the database system in accordance with a result of the confirmation, determining whether the command transmitted from the client satisfies the changed security policy, and requesting an administrator client to confirm whether to execute the command in accordance with a result of the determination.

FIG. 2