ABSTRACT

LDAP TO SQL DATABASE PROXY SYSTEM AND METHOD

An LDAP to SQL proxy to adapt a relational database as a directory service for an LDAP client is provided. The database may be defined in accordance with a database schema which is external to an LDAP server serving the LDAP client. The proxy comprises LDAP to SQL query and response mappings preferably for a reduced set of LDAP operations. The proxy may comprise a mechanism to maintain a plurality of persistent database connections to reduce query processing overhead. The proxy may further be adapted to maintain a plurality of persistent connections to each of at least two alternative databases for executing queries to provide enhanced failsafe operations. A plurality of LDAP to SQL proxied databases may be configured for sharing query loads to enhance scalability and performance.

Fig. 3