

Password encryption

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I am working on a project to integrate Active Directory with a database, i.e. support for AD integration so that customers can logon to our database using their AD user and password.

The problem I'm trying to overcome is that the user sends their password as clear text, i.e. they enter it into the ODBC/JDBC client. This means that our ODBC/JDBC client and server code has access to this password in clear text so a rouge developer could potentially capture user's password, which they could use to access other company systems.

What I'd like is a client plug-in that the user could install that would encrypt their password so the encrypted password could be passed through our database to the AD server. The AD server would then decrypt the password, verify it and respond to the authentication request.

Does this facility exist?

Thanks

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