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DAL: How It Maintains Security of Host Data

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TOPIC -----

Does DAL have any mechanism to filter out any SQL DML statements (like update and insert) to bypass various security deficits of the database?

DISCUSSION -----

DAL doesn't include facilities to filter out SQL DML statements. DAL maintains the security and integrity of host data by operating under the facilities provided by the host operating system and DBMS software. DAL's goal isn't to add more security mechanisms, as it is very platform- and DBMS-dependent.

The DAL Server operates as a user-level process on the host system, subject to the same security restrictions as other user-level host applications. It must supply a valid host user name and password to gain access to the host system. The DAL server executes language statements with the privileges and restrictions associated with that user name and password.

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