

Establishing a Connection and Creating a Session

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The user starts a tool (SQL*Plus, Oracle Forms, ...) as a user process

--> a server process is created on the Oracle Server

--> the server process communicates with the instance on behalf of the user process

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Connection = communication pathway between a user process and the Oracle server through :

a local connection (local access tool --> local Oracle server)

or

a client-server connection (local access tool --> network --> remote Oracle server)

or

a three-tiered connection (local access tool ie browser --> network
--> remote Application server --> network --> remote Oracle
server)

- Session = specific connection from a client to the server (login/logout)