the documents are stored. SODA for REST uses the representational state transfer (REST) architectural style to implement SODA.

> **See Also:**
>
> - "Overview of Multitier Architecture"
> - *Oracle XML DB Developer's Guide* for more information about using Web services with the database

Oracle Net Services Architecture

Oracle Net Services is the interface between the database and the network communication protocols that facilitate distributed processing and distributed databases.

Communication protocols define the way that data is transmitted and received on a network. Oracle Net Services supports communications on all major network protocols, including TCP/IP, HTTP, FTP, and WebDAV.

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Oracle Net, a component of Oracle Net Services, establishes and maintains a network session from a client application to a database server. After a network session is established, Oracle Net acts as the data courier for both the client application and the database server, exchanging messages between them. Oracle Net can perform these jobs because it is located on each computer in the network.

An important component of Net Services is the Oracle Net Listener (called the *listener*), which is a process that runs on the database or elsewhere in the network. Client applications send connection requests to the listener, which manages the traffic of these requests to the database. When a connection is established, the client and database communicate directly.

The most common ways to configure an Oracle database to service client requests are:

- Dedicated server architecture

  Each client process connects to a dedicated server process. The server process is not shared by any other client for the duration of the client's session. Each new session is assigned a dedicated server process.

- Shared server architecture

  The database uses a pool of shared server processes for multiple sessions. A client process communicates with a dispatcher, which is a process that enables many clients to connect to the same database instance without the need for a dedicated server process for each client.